November 2009

95 Series Industrial Pressure Regulators

W1894-1 / IL

TYPE 95LD

W6195 / IL

TYPE 95LD (FLANGED)

W1894-1 / IL

TYPE 95HD

W5091 / IL

TYPE 95L

W5092 / IL

TYPE 95H

Figure 1. *95 Series Pressure Reducing Regulators*

D100117X012

FISHER

www.fisherregulators.com

EMERSON
Process Management

Introduction

The 95 Series regulators are compact, large-capacity, direct-operated pressure regulators (see Figures 1 and 2). The units are available in NPS 1/4 through 2 (DN 15 through 50) sizes and are offered in several different end connection configurations. They are designed to handle pressures up to 600 psig (41,4 bar) and temperatures up to 650°F (343°C).

This product can help solve the toughest pressure control applications. Typical applications include superheated steam, steam injection, steam tracing, nitrogen purging, boiler feed water, process chemicals, cooling water, test fixtures, wash tanks, sterilizers/ autoclaves, fuel lines, pneumatic supply, and many others.

Features

- **Handwheels—**Allow easy pressure setting changes and are standard on Types 95LD, 95HD, and optional on the NPS 1/2 (DN 15) body size of the Types 95L and 95H regulators. Tee-handles are optional on all other Types 95L and 95H body sizes.
- **Versatile—**Can be used with all process media including air, steam, gas, water, liquids (oils and process chemicals), and oxygen.
- **Tight Shutoff With Elastomer Seats—**Metal seats available for high temperatures.
- **Direct-Operated—**Design maximizes speed of response.
- **Robust—**Up to 600 psig (41,4 bar) inlet pressure.
- **$P_1 = P_2$—**Inlet equals outlet rating in 95H Series up to 600 psig (41,4 bar).
- **Rugged Construction—**Available in a variety of materials including Cast iron, Carbon steel, Stainless steel, Monel®, Hastelloy® C, Perfluoroelastomer (FFKM), and Fluorocarbon (FKM) to address the toughest service conditions. Severe service elastomers and corrosion resistant trims are also available - excellent fluid compatibility.
- **Differential Pressure Capability—**Spring-loaded Polytetrafluoroethylene (PTFE) packing and tapped connections permit pressure loading of the Types 95LD and 95HD spring cases.
- **Special Service Capabilities—**Optional materials are available for applications handling sour gases, cryogenics, and superheated steam. These constructions comply with the recommendations of NACE International Standards MR0175 and MR0103.
- **Large Turndown Ratio—**No need for low C_v trims at low flows.
- **Graphite Gaskets—**For high temperature applications up to 650°F (343°C) (optional).
- **Set Pressures to 400 Psig (27,6 bar)**
- **Multiple End Connection Options—**To match your application.
- **Easy Maintenance—**Seating parts are easily accessible by removing the plug on the bottom of the regulator.

Monel® is a trademark of Special Metals Corporation.
Hastelloy® C is a trademark of Haynes International, Inc.

Principle of Operation

The 95 Series (refer to Figure 2) is a direct-operated regulator. Downstream pressure is registered internally through the body to the under side of the diaphragm. When the downstream pressure is at or above the set pressure, the disk is held against the orifice, and there is no flow through the regulator. When demand increases, downstream pressure drops slightly allowing the spring to extend, moving the stem down and the disk away from the orifice. This allows flow through the body to the downstream system. Types 95H, 95L, 95HP, and 95HT use spring force to regulate outlet pressure. Types 95HD and 95LD use spring force to maintain a differential pressure between spring case loading pressure and outlet pressure.

Installation

The 95 Series regulators may be installed in any position, as long as flow will be in the same direction as that indicated by the body arrow. The Types 95H, 95L, 95HT, and 95HP regulators should be installed so that their spring case vents are protected from anything that might clog them.

Emerson™ provides an instruction manual with every regulator shipped. Refer to this for complete installation, operation, and maintenance instructions. Included is a complete listing of individual parts and recommended spare parts.

Specifications

Available Configurations

Type 95L: Low-pressure regulator for 2 to 30 psig (0,14 to 2,1 bar) outlet pressures
Type 95H: High-pressure regulator for 5 to 150 psig (0,35 to 10,3 bar) outlet pressures
Type 95LD: Low-pressure differential regulator for 2 to 30 psi (0,14 to 2,1 bar) differential pressures with handwheel and packing box
Type 95HD: High-pressure differential regulator for 5 to 150 psi (0,35 to 10,3 bar) differential pressures with handwheel and packing box
Type 95HP: High-pressure regulator for 15 to 400 psig (1,0 to 27,6 bar) outlet pressures (soft-seated)
Type 95HT: High-pressure/high temperature regulator for 15 to 300 psig (1,0 to 20,7 bar) outlet pressures (metal seat) and up to 650°F (343°C)

Body and Orifice Sizes

NPS 1/4 body: 1/4-inch (6,4 mm) orifice
NPS 1/2 (DN 15) body: 3/8-inch (9,5 mm) orifice
NPS 3/4 and 1 (DN 20 and 25) bodies: 9/16-inch (14 mm) orifice
NPS 1-1/2 and 2 (DN 40 and 50) bodies: 1-1/16-inch (27 mm) orifice

End Connection Styles

NPT, ASME flanged; all sizes are fabricated with slip-on flanges and are 14-inch face-to-face (EN flanged; 356 mm face-to-face), CL150 RF, CL300 RF, PN 16/25/40 RF, or SWE

Maximum Cold Working Pressures of Body Size and Material

See Table 3

Outlet or Differential Pressure Ranges

See Table 5

Maximum Temperature Ranges of Diaphragm and Seat Materials(1)(2)

MATERIAL	TEMPERATURE RANGE
Nitrile (NBR)	-40° to 180°F (-40° to 82°C)
Neoprene (CR)	-40° to 180°F (-40° to 82°C)
Fluorocarbon(FKM)(3)	0° to 300°F (-18° to 149°C)
Ethylenepropylene (EPDM)	-40° to 275°F (-40° to 135°C)
Perfluoroelastomer (FFKM)	0° to 425°F (-18° to 218°C)
PTFE	-40° to 400°F (-40° to 204°C)
Stainless steel	-40° to 650°F (-40° to 343°C)

Spring Case Construction

Vent is a drilled untapped hole **(standard)**.
NPT (optional) See Figure 2
On Types 95HD and 95LD, the NPT tapped vent is standard.

Maximum Temperature Ranges of Body Materials(1)(2)

TYPES	BODY AND SPRING CASE MATERIALS	TEMPERATURE RANGE
95L, 95LD 95H, 95HD	Cast Iron Steel Stainless steel	-40° to 406°F (-40° to 208°C) -20° to 450°F (-29° to 232°C) -40° to 450°F (-40° to 232°C)
95HP	Steel Stainless steel	-20° to 450°F (-29° to 232°C) -40° to 450°F (-40° to 232°C)
95HT	Steel Stainless steel	-20° to 650°F (-29° to 343°C) -40° to 550°F (-40° to 288°C)

Pressure Setting Adjustment

Adjusting screw **(standard)**, Handwheel/Tee handle (optional) NPS 1/2 (DN 15) bodies have a handwheel all other sizes have tee handles.
Types 95LD and 95HD: Handwheel for adjustment

Pressure Registration

Internal

Typical Regulating Capacities

Air: See Tables 8, 9, 10, 11, and 12
Steam: See Tables 13, 14, 15, 16, and 17
Water: See Tables 18, 19, 20, 21, and 22

1. The pressure/temperature limits in this bulletin, and any applicable standard or code limitation for this regulator should not be exceeded.
2. Pressures and/or the body end connection may decrease these maximum temperatures.
3. Fluorocarbon (FKM) is limited to 200°F (93°C) hot water.

- continued -

Specifications (continued)

Shutoff Classification Per ANSI/FCI 70-3-2004
Metal Seats: Class IV
PTFE: Class IV
Elastomer Seats: Class VI or better

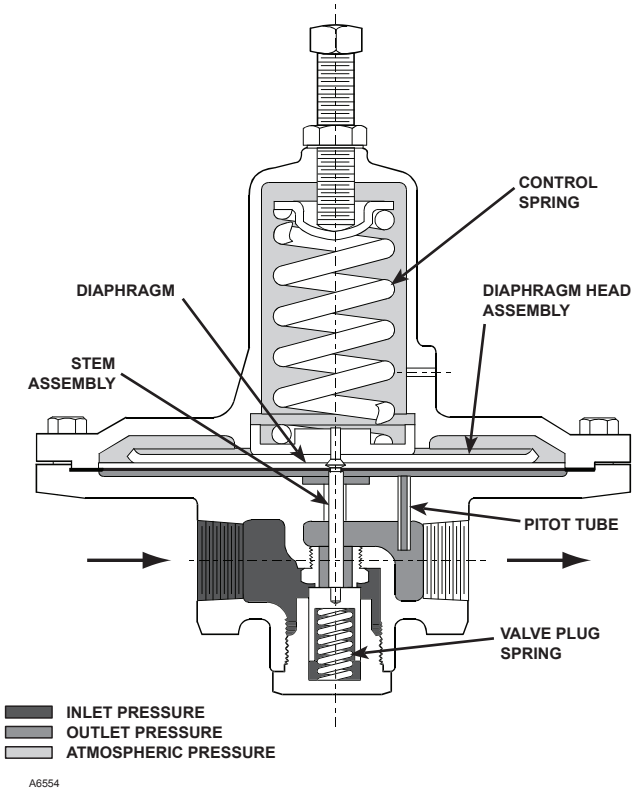
Flow and Sizing Coefficients
See Table 4

Pressure Connections
See Figure 4

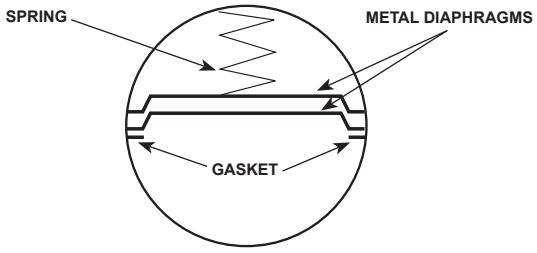
Construction Materials
See Table 6

Common Services and Material Compatibility
See Table 7

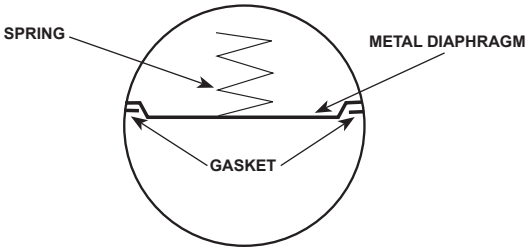
Approximate Weights
95H Series
NPS 1/4 body: 4 pounds (2 kg)
NPS 1/2 (DN 15) body: 8 pounds (4 kg)
NPS 3/4 and 1 (DN 20 and 25) bodies: 20 pounds (9 kg)
NPS 1-1/2 and 2 bodies (DN 40 and 50): 73 pounds (33 kg)
95L Series
NPS 1/4 body: 6 pounds (3 kg)
NPS 1/2 (DN 15) body: 12 pounds (5 kg)
NPS 3/4 and 1 (DN 20 and 25) bodies: 32 pounds (15 kg)



TYPE 95L WITH METAL SEAT AND DIAPHRAGM (ALSO TYPICAL OF TYPE 95H OR 95HT)



TYPE 95L WITH TWO METAL DIAPHRAGMS (ALSO TYPICAL OF 95H OR 95HT, EXCEPT ONLY TYPE 95L, NPS 1/4, 2 TO 6 PSI (0,14 to 0,41 bar) RANGE)



TYPE 95L (NPS 1/4, 2 TO 6 PSI (0,14 to 0,41 bar) RANGE) WITH METAL DIAPHRAGM

Figure 2. *95 Series Operational Schematic*

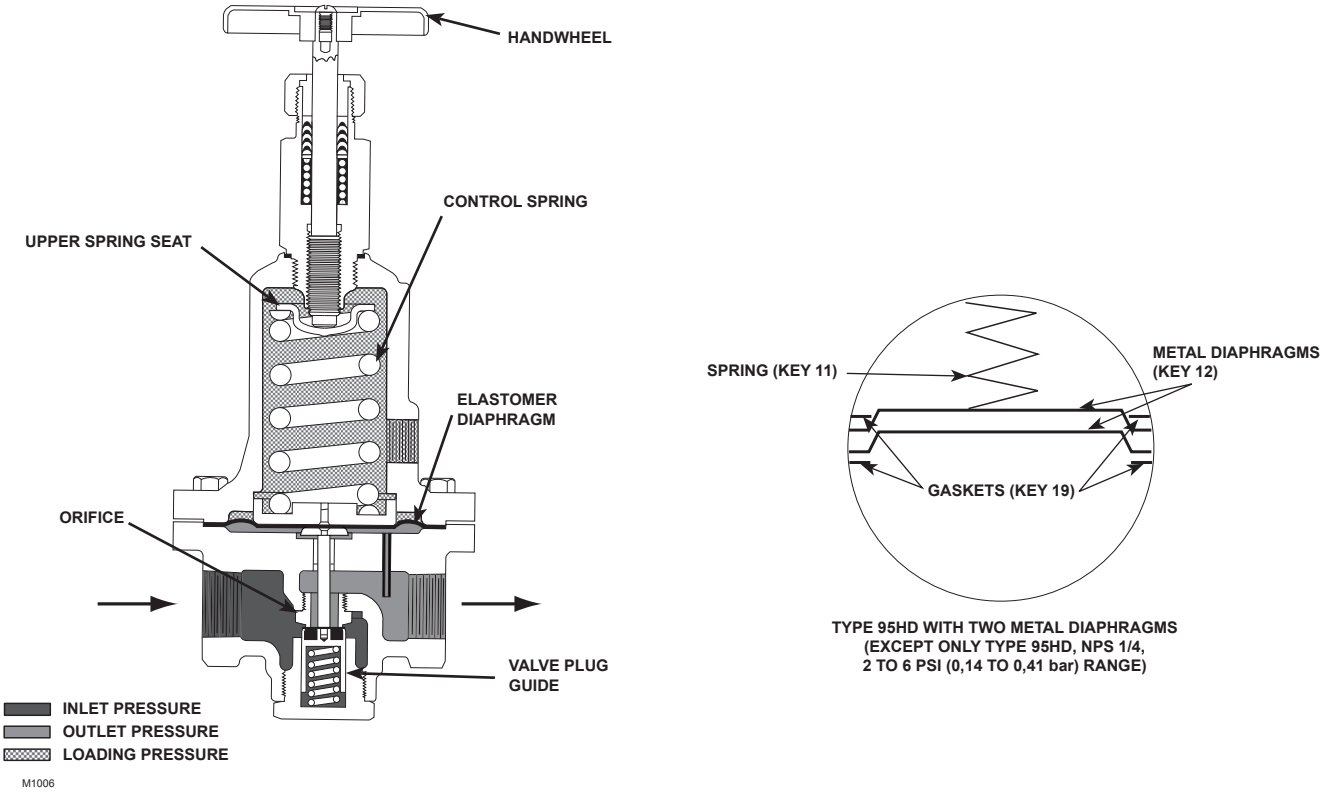

HANDWHEEL
CONTROL SPRING
UPPER SPRING SEAT
ELASTOMER DIAPHRAGM
ORIFICE
VALVE PLUG GUIDE
INLET PRESSURE
OUTLET PRESSURE
LOADING PRESSURE
M1006
TYPE 95HD WITH ELASTOMER SEAT AND DIAPHRAGM (ALSO TYPICAL OF TYPE 95LD)
SPRING (KEY 11)
METAL DIAPHRAGMS (KEY 12)
GASKETS (KEY 19)
TYPE 95HD WITH TWO METAL DIAPHRAGMS (EXCEPT ONLY TYPE 95HD, NPS 1/4, 2 TO 6 PSI (0,14 TO 0,41 bar) RANGE)

Figure 2. *95 Series Operational Schematic (continued)*

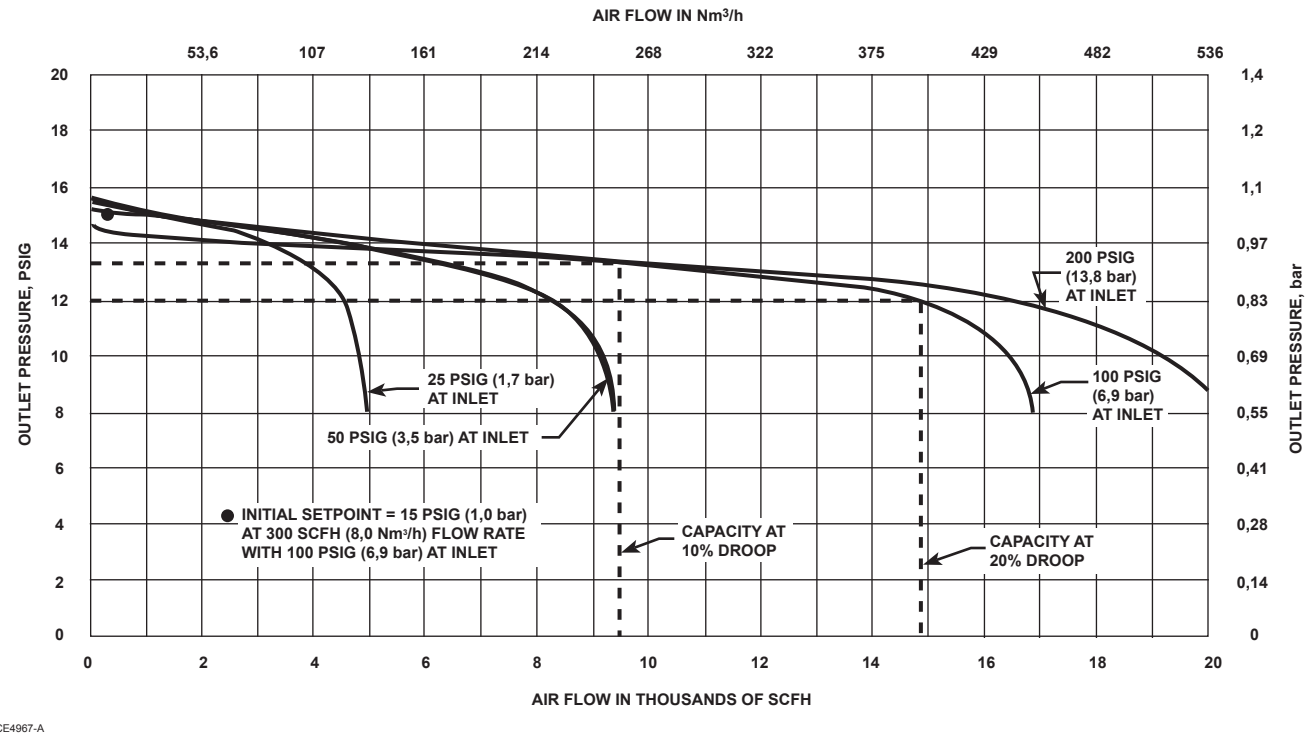


Figure 3*. Air Flow Performance Curves of a NPS 1 (DN 25) Type 95L Regulator*

Table 1. *Sizing Types 95HD and 95LD Pressure Regulators*

STEPS	EXAMPLE - PSIG	EXAMPLE - bar
1. Determine service conditions.	P_1 = 135 psig, P_2 = 25 to 40 psig, Bias = 10 psig Loading pressure = 15 to 30 psig Q_{max} = 1100 SCFH air Specific Gravity = 1 Allowable droop = 20% Line size = 1/2-inch	P_1 = 9,31 bar, P_2 = 1,7 to 2,8 bar, Bias = 0,69 bar Loading pressure = 1,0 to 2,1 bar Q_{max} = 29,5 Nm^3/h air Specific Gravity = 1 Allowable droop = 20% Line size = 13 mm
2. Select type number and spring range using Tables 3 and 5.	Since the bias set is 10 psig, select the Type 95LD with a 5 to 15 psig spring range. (The Type 95LD will withstand the pressure for the application, and also has the lightest spring available.)	Since the bias set is 0,69 bar, select the Type 95LD with a 0,34 to 1,0 bar spring range. (The Type 95LD will withstand the pressure for the application, and also has the lightest spring available.)
3. Using the Fisher® Sizing Program, calculate C_g from data given in the capacity tables. Use the table inlet pressure closest to the service condition. Also calculate using the table outlet pressure which is closest to the spring bias.	For the purpose of sizing, use the spring setpoint (bias) of 10 psi as outlet pressure, and an inlet pressure of 150 psig. The closest capacity data in Tables 4 and 8 shows the following: C_1 = 35 (Table 4) P_{1table} = 150 psig P_{2table} = 10 psi Droop = 10 psig x 20% = 2 psig ΔP_{table} = 150 psig - (10 psig - 2 psig) = 142 psid Q = 1400 SCFH for size NPS 1/2 Type 95LD at 20% droop	For the purpose of sizing, use the spring setpoint (bias) of 0,69 bar as outlet pressure, and an inlet pressure of 10,3 bar. The closest capacity data in Tables 4 and 8 shows the following: C_1 = 35 (Table 4) P_{1table} = 10,3 bar P_{2table} = 0,69 bar Droop = 0,69 bar x 20% = 0,14 bar ΔP_{table} = 10,3 bar - (0,69 bar - 0,14 bar) = 9,8 bar d Q = 37,5 Nm^3/h for size DN 15 Type 95LD at 20% droop
4. Use the information in Step 3 to calculate C_g using the Fisher Sizing Program.	C_g calculated = 8.5	C_g calculated = 8.5
5. Calculate flow for application based upon actual conditions and calculated C_g.	P_1 = 135 psig P_{2max} = 40 psi Droop = 10 psig x 20% = 2 psig ΔP actual = 135 psig - (40 psig - 2 psig) = 97 psid C_g calculated = 8.5 Q = 1248 SCFH air with droop equal to 20% of spring bias	P_1 = 9,3 bar P_{2max} = 2,8 bar Droop = 0,69 bar x 20% = 0,14 bar ΔP actual = 9,3 bar - (2,8 bar - 0,14 bar) = 6,7 bar d C_g calculated = 8.5 Q = 33,4 Nm^3/h air with droop equal to 20% of spring bias

Table 2. *Back Calculating Sizing Coefficients*

STEPS	EXAMPLE - PSIG	EXAMPLE - bar
1. Determine service conditions.	P_1 = 25 psig, P_2 = 18 psig, Q_{max} = 10 GPM, Medium = Water	P_1 = 1,7 bar, P_2 = 1,2 bar, Medium = Water, Q_{max} = 37,8 l/min
2. Select Type number and spring range using Tables 3 and 5.	The Type 95L with a 13 to 30 psig pressure range, will provide the lightest spring for the application.	The Type 95L with a 0,90 to 2,1 bar pressure range, will provide the lightest spring for the application.
3. Because the capacity table for a Type 95L in Table 18 does not provide data for the exact application, choose the values from the table that most closely match the application. An NPS 1 (DN 25) Type 95L fits the closest.	P_{1table} = 30 psig P_{2table} = 20 psig Droop = 20 psig x 20% = 4 psig ΔP_{table} = 30 psig - (20 psig - 4 psig) = 14 psid Q = 13 GPM K_m = 0.67 (See Table 4)	P_{1table} = 2,1 bar P_{2table} = 1,4 bar Droop = 1,4 bar x 20% = 0,28 bar ΔP_{table} = 2,1 bar - (1,4 bar - 0,28 bar) = 0,97 bar d Q = 49,2 l/min K_m = 0.67 (See Table 4)
4. Use information in Step 3 to calculate C_v using Fisher® Sizing Program.	C_v calculated = 3.47	C_v calculated = 3.41
5. Determine flow capacity of Type 95 with actual conditions using C_v calculated from Step 4.	C_v = 3.47 P_1 = 25 psig P_2 = 18 psig Droop = 18 psig x 20% = 3.6 psig ΔP actual = 25 psig - (18 psig - 3.6 psig) = 10.6 psid Q calculated = 11.3 GPM	C_v = 3.41 P_1 = 1,7 bar P_2 = 1,2 bar Droop = 1,2 bar x 20% = 0,25 bar ΔP actual = 1,7 bar - (1,2 bar - 0,25 bar) = 0,73 bar d Q calculated = 42,8 l/min

Table 3*. Maximum Cold Working Pressures of Body Size and Material*[(1)(2)]

TYPES	BODY SIZES, NPS	BODY AND SPRING CASE MATERIALS	MAXIMUM INLET PRESSURE, PSIG (bar)	MAXIMUM OUTLET PRESSURE, PSIG (bar)
95L and 95LD	All Sizes	Cast Iron Steel Stainless steel	250 (17,2) 300 (20,7) 300 (20,7)	50 (3,4) 125 (8,6) 125 (8,6)
95H and 95HD	All Sizes	Cast Iron Steel Stainless steel	250 (17,2) 300 (20,7) 300 (20,7)	250 (17,2) 300 (20,7) 300 (20,7)
95HP	All Sizes	Steel Stainless steel	600 (41,4) 600 (41,4)	600 (41,4) 550 (37,9)
95HT	1/4 to 1 (DN 25)	Steel Stainless steel	600 (41,4) 600 (41,4)	600 (41,4) 550 (37,9)
	1-1/2, 2 (DN 40, 50)	Steel Stainless steel	600 (41,4) 600 (41,4)	450 (31,0) 450 (31,0)

1. The pressure/temperature limits in this bulletin, and any applicable standard or code limitation should not be exceeded.
2. Temperature and/or the body end connection may decrease these maximum pressures.

Table 4. *Flow and Sizing Coefficients for all 95 Series Regulators*

BODY SIZE, NPS (DN)	WIDE-OPEN COEFFICIENTS (FOR RELIEF SIZING)			C_1	K_m	IEC SIZING COEFFICIENTS		
	C_v	C_g	C_s			X_T	F_D	F_L
1/4	0.8	28	1.40	35	0.83	0.775	0.58	0.91
1/2 (15)	1.9	67	3.35		0.71		0.58	0.84
3/4, 1 (20, 25)	4.4	156	7.80		0.67		0.44	0.82
1-1/2, 2 (40, 50)	12.5	475	23.75	38	0.83	0.913	0.37	0.91

$K_m = F_L^2$

Table 5*. Body Sizes and Pressure Ranges*

TYPES	BODY SIZES, NPS (DN)	OUTLET OR DIFFERENTIAL PRESSURE RANGE(1)		SPRING WIRE DIAMETER		SPRING FREE LENGTH		SPRING PART NUMBER AND COLOR
		Psi/Psig	bar	Inches	mm	Inches	mm	
95L and 95LD	1/4	2 to 6 5 to 15 13 to 30	0,14 to 0,41 0,35 to 1,0 0,90 to 2,1	0.148 0.172 0.207	3,76 4,37 5,26	2.00 2.00 1.94	50,8 50,8 49,2	1E392527022 Yellow 1E392627012 Green 1E392727142 Red
	1/2 (15)	2 to 6 5 to 15 13 to 30	0,14 to 0,41 0,35 to 1,0 0,90 to 2,1	0.207 0.234 0.281	5,26 5,94 7,14	2.50 2.57 2.44	63,5 65,2 62,0	1E395627022 Yellow 1D7455T0012 Green 1E395727192 Red
	3/4, 1 (20, 25)	2 to 6 5 to 15 13 to 30	0,14 to 0,41 0,35 to 1,0 0,90 to 2,1	0.306 0.343 0.406	7,77 8,71 10,3	4.00 4.00 4.00	102 102 102	1E398927022 Yellow 1E399027142 Green 1E399127162 Red
95H and 95HD	1/4	15 to 30 25 to 75 70 to 150	1,0 to 2,1 1,7 to 5,2 4,8 to 10,3	0.148 0.172 0.207	3,76 4,37 5,26	2.00 2.00 1.94	50,8 50,8 49,2	1E392527022 Yellow 1E392627012 Green 1E392727142 Red
	1/2 (15)	15 to 30 25 to 75 70 to 150	1,0 to 2,1 1,7 to 5,2 4,8 to 10,3	0.207 0.234 0.281	5,26 5,94 7,14	2.50 2.57 2.44	63,5 65,2 62,0	1E395627022 Yellow 1D7455T0012 Green 1E395727192 Red
	3/4, 1 (20, 25)	15 to 30 25 to 75 70 to 150	1,0 to 2,1 1,7 to 5,1 4,8 to 10,3	0.306 0.343 0.406	7,77 8,71 10,3	4.00 4.00 4.00	102 102 102	1E398927022 Yellow 1E399027142 Green 1E399127162 Red
	1-1/2, 2 (40, 50)	5 to 80 60 to 120 100 to 140 120 to 150	0,35 to 5,5 4,1 to 8,3 6,9 to 9,7 8,3 to 10,3	0.531 0.562 0.593 0.656	13,5 14,3 15,1 16,7	6.56 6.56 6.50 6.56	167 167 165 167	1E795327082 Light Blue 1E795427082 Light Gray 1E793327082 Yellow 1P788827082 Black
95HT	1/4	15 to 100 80 to 300	1,0 to 6,9 5,5 to 20,7	0.192 0.282	4,88 7,16	1.96 1.96	49,8 49,8	14B9941X012 Unpainted 14B9940X012 Unpainted
	1/2 (15)	15 to 100 80 to 300	1,0 to 6,9 5,5 to 20,7	0.282 0.375	7,16 9,52	2.50 2.50	63,5 63,5	14B9943X012 Unpainted 14B9942X022 Unpainted
	3/4, 1 (20, 25)	15 to 100 80 to 300	1,0 to 6,9 5,5 to 20,7	0.437 0.562	11,1 14,3	4.03 4.03	102 102	14B9944X022 Unpainted 14B9945X022 Unpainted
	1-1/2, 2 (40, 50)	15 to 100 60 to 260	1,0 to 6,9 4,1 to 17,9	0.625 0.812	15,9 20,6	6.70 6.70	170 170	17B1704X012 Unpainted 17B1705X012 Unpainted
95HP	1/4	15 to 100 80 to 400	1,0 to 6,9 5,5 to 27,6	0.192 0.282	4,88 7,16	1.96 1.96	49,8 49,8	14B9941X012 Unpainted 14B9940X012 Unpainted
	1/2 (15)	15 to 100 80 to 400	1,0 to 6,9 5,5 to 27,6	0.282 0.375	7,16 9,52	2.50 2.50	63,5 63,5	14B9943X012 Unpainted 14B9942X022 Unpainted
	3/4, 1 (20, 25)	15 to 100 80 to 400	1,0 to 6,9 5,5 to 27,6	0.437 0.562	11,1 14,3	4.03 4.03	102 102	14B9944X022 Unpainted 14B9945X022 Unpainted
	1-1/2, 2 (40, 50)	15 to 100 60 to 300	1,0 to 6,9 4,1 to 20,7	0.625 0.812	15,9 20,6	6.70 6.70	170 170	17B1704X012 Unpainted 17B1705X012 Unpainted

1. For Types 95LD and 95HD regulators, the pressure ranges indicate the differential pressure that can be obtained with the indicated spring. The differential pressure (spring setting) is added to the spring case loading pressure to determine the actual outlet pressure.

Table 6. *Construction Materials*

MAIN VALVE MATERIALS			
Body	**Spring Case**	**Regulator Spring**	**Valve Plug Spring**
Cast Iron WCC/WCB Steel CF8M Stainless steel Hastelloy® C Monel®	Cast Iron WCC/WCB Steel CF8M Stainless steel	Zinc-plated Steel **(standard)** Inconel® 302 Stainless steel 17-7PH	302 Stainless steel **(standard)** Inconel®

Trim Materials:

ELASTOMER SEAT		
Part Name	**Standard**	**Optional**
Diaphragm	Neoprene (CR) or Fluorocarbon (FKM)	302 Stainless steel Ethylenepropylene (EPDM) Monel® Hastelloy® C PTFE protector available with elastomeric diaphragm
Disk		PTFE Nitrile (NBR) Ethylenepropylene (EPDM) Perfluoroelastomer (FFKM)
Disk Holder	Brass or 416 Stainless steel	316 Stainless steel Monel® Hastelloy® C
Valve Plug Guide		
Valve Plug		
Orifice		
Stem Assembly		
Bolting	Grade 5 Steel	B8M, B7
METAL SEAT		
Diaphragm	302 Stainless steel(1)	Monel® Hastelloy® C
Disk	416 Stainless steel	316 Stainless steel Monel® Hastelloy® C
Disk Holder	Brass or 416 Stainless steel	
Valve Plug	416 Stainless steel	
Valve Plug Guide	Brass or 416 Stainless steel	
Orifice		
Stem Assembly		
Gaskets	Composition	Graphite
Bolting	Grade 5 Steel	B8M, B7

1. Two diaphragms are required if metal diaphragm is to be used except only for Type 95L, NPS 1/4, 2 to 6 psi (0,14 to 0,41 bar) range which uses only one metal diaphragm.

Table 7. *Compatibility*

CORROSION INFORMATION																
Fluid	Material							Fluid	Material							
	Carbon Steel	Cast Iron	302 or 304 Stainless Steel	316 Stainless Steel	416 Stainless Steel	Monel®	Hastelloy® C		Carbon Steel	Cast Iron	302 or 304 Stainless Steel	316 Stainless Steel	416 Stainless Steel	Monel®	Hastelloy® C
Acetic Acid, Air Free	C	C	B	B	C	B	A	Hydrochloric Acid (Air free)	C	C	C	C	C	C	B
Acetic Acid Vapors	C	C	A	A	C	B	A	Hydrogen	A	A	A	A	A	A	A
Acetone	A	A	A	A	A	A	A	Hydrogen Peroxide	I.L.	A	A	A	B	A	B
Acetylene	A	A	A	A	A	A	A	Hydrogen Sulfide, Liquid	C	C	A	A	C	C	A
Alcohols	A	A	A	A	A	A	A	Magnesium Hydroxide	A	A	A	A	A	A	A
Aluminum Sulfate	C	C	A	A	C	B	A	Methanol	A	A	A	A	A	A	A
Ammonia	A	A	A	A	A	A	A	Methyl Ethyl Ketone	A	A	A	A	A	A	A
Ammonium Chloride	C	C	B	B	C	B	A	Natural Gas	A	A	A	A	A	A	A
Ammonium Nitrate	A	C	A	A	C	C	A	Nitric Acid	C	C	A	B	C	C	B
Ammonium Sulfate	C	C	B	A	C	A	A	Petroleum Oils, Refined	A	A	A	A	A	A	A
Ammonium Sulfite	C	C	A	A	B	C	A	Phosphoric Acid (Air Free)	C	C	A	A	C	B	A
Beer	B	B	A	A	B	A	A	Phosphoric Acid Vapors	C	C	B	B	C	C	I.L.
Benzene (Benzol)	A	A	A	A	A	A	A	Potassium Chloride	B	B	A	A	C	B	A
Benzoic Acid	C	C	A	A	A	A	A	Potassium Hydroxide	B	B	A	A	B	A	A
Boric Acid	C	C	A	A	B	A	A	Propane	A	A	A	A	A	A	A
Butane	A	A	A	A	A	A	A	Silver Nitrate	C	C	A	A	B	C	A
Calcium Chloride (Alkaline)	B	B	C	B	C	A	A	Sodium Acetate	A	A	B	A	A	A	A
Carbon Dioxide, Dry	A	A	A	A	A	A	A	Sodium Carbonate	A	A	A	A	B	A	A
Carbon Dioxide, Wet	C	C	A	A	A	A	A	Sodium Chloride	C	C	B	B	B	A	A
Carbon Disulfide	A	A	A	A	B	B	A	Sodium Chromate	A	A	A	A	A	A	A
Carbon Tetrachloride	B	B	B	B	C	A	A	Sodium Hydroxide	A	A	A	A	B	A	A
Carbonic Acid	C	C	B	B	A	A	A	Stearic Acid	A	C	A	A	B	B	A
Chlorine Gas, Dry	A	A	B	B	C	A	A	Sulfur	A	A	A	A	A	A	A
Chlorine Gas, Wet	C	C	C	C	C	C	B	Sulfur Dioxide, Dry	A	A	A	A	B	A	A
Chlorine, Liquid	C	C	C	C	C	C	A	Sulfur Trioxide, Dry	A	A	A	A	B	A	A
Chromic Acid	C	C	C	B	C	A	A	Sulfuric Acid (Aerated)	C	C	C	C	C	C	A
Citric Acid	I.L.	C	B	A	B	B	A	Sulfuric Acid (Air Free)	C	C	C	C	C	B	A
Coke Oven Gas	A	A	A	A	A	B	A	Sulfurous Acid	C	C	B	B	C	C	A
Copper Sulfate	C	C	B	B	A	C	A	Trichloroethylene	B	B	B	A	B	A	A
Ether	B	B	A	A	A	A	A	Water, Boiler Feed	B	C	A	A	B	A	A
Ethyl Chloride	C	C	A	A	B	A	A	Water, Distilled	A	A	A	A	B	A	A
Ethylene	A	A	A	A	A	A	A	Water, Sea	B	B	B	B	C	A	A
Ethylene Glycol	A	A	A	A	A	A	I.L.	Zinc Chloride	C	C	C	C	C	C	A
Formaldehyde	B	B	A	A	A	A	A	Zinc Sulfate	C	C	A	A	B	A	A
Formic Acid	I.L.	C	B	B	C	A	A								
Freon, Wet	B	B	B	A	I.L.	A	A								
Freon, Dry	B	B	A	A	I.L.	A	A								
Gasoline, Refined	A	A	A	A	A	A	A	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Glucose	A	A	A	A	A	A	A								
Hydrochloric Acid (Aerated)	C	C	C	C	C	C	B								

A—Recommended
B—Minor to moderate effect. Proceed with caution.
C—Unsatisfactory
I.L.—Information lacking

- continued -

Table 7. *Compatibility (continued)*

FLUID INFORMATION									
Fluid	**Neoprene (CR)**	**Nitrile (NBR)**	**Fluorocarbon (FKM)**	**EPDM**	**Fluid**	**Neoprene (CR)**	**Nitrile (NBR)**	**Fluorocarbon (FKM)**	**EPDM**
Acetic Acid (30%)	C	B	B	A	Freon 22	A+	C	C	A
Acetone	B	C	C	A	Freon 114	A	A	B	A
Alcohol, Ethyl	A	A	B	A	Gasoline	B	A+	A	C
Alocohol, Methyl	A+	A	C	A	Hydrogen Gas	A	A	A	A
Ammonia, Anhydrous	A	C	C	A	Hydrogen Sulfide (Dry)	A	C	C	A
Ammonia, Gas, (Hot)	B	C	C	B	Hydrogen Sulfide (Wet)	B	C	C	A
Benzene	C	C	A	C	Jet Fuel (JP-4)	C	A	A	I.L.
Brine (Calcium Chloride)	A	A	B	A	Natural Gas	A	A+	A	C
Butadiene Gas	B	C	B	C	Natural Gas + H_2S (Sour Gas)	A	B	C	C
Butane, Gas	A	A+	A	C	Nitric Acid (10%)	B	C	A	C
Butane, Liquid	B	A	A	C	Nitric Acid (50 to 100%)	C	C	A	C
Carbon Tetrachloride	C	C	A	C	Nitrogen	A	A	A	A
Chlorine, Dry	C	C	A	C	Oil (Fuel)	B	A+	A	C
Chlorine, Wet	C	C	A	C	Propane	A	A	A	C
Coke Oven Gas	C	B	A+	C	Sea Water	B	A	A	A
Ethyl Acetate	C	C	C	B	Sulfur Dioxide	A	C	A	A
Ethylene Glycol	A	A	A	A	Sulfuric Acid (to 50%)	B	C	A	B
Freon 11	B	A	A+	C	Sulfuric Acid (50 to 100%)	C	C	A	B
Freon 12	A+	A	B	B	Water (Ambient)	A	A	A	A
					Water at 200°F (93°C)	C	B	B	A

A+ —Best possible selection
A—Recommended
B—Minor to moderate effect. Proceed with caution.
C—Unsatisfactory
I.L.—Information lacking

Universal NACE Compliance

Optional materials are available for applications handling sour gases. These constructions comply with the recommendations of NACE International sour service standards.

The manufacturing processes and materials used by Emerson assure that all products specified for sour gas service comply with the chemical, physical, and metallurgical requirements of NACE MR0175 ISO and/or NACE MR0103. Customers have the responsibility to specify correct materials. Environmental limitations may apply and shall be determined by the user.

Capacity Data

The capacity information on the following pages is based on three droop factors, 10%, 20%, and 40%. Droop is deviation from the setpoint of the regulator, and is usually stated in percentage of setpoint value.

For example, refer to the air flow rate curve in Figure 3. The regulator is set for 15 psig (1,0 bar) at the outlet, with 100 psig (6,9 bar) at the inlet and a 300 SCFH (8,0 Nm^3/h) flow rate. Capacity at 10% droop is read at the intersection of a line projected horizontally to the right from the 13.5 psig (0,93 bar) outlet pressure point and the 100 psig (6,9 bar) inlet curve. The 13.5 psig (0,93 bar) is derived by applying the droop factor of 10% to the regulator setting of 15 psig (1,0 bar). The same method is employed for 20% droop, except the capacity value is read at the 12 psig (0,83 bar) outlet pressure point, 20% less than the 15 psig (1,0 bar) setting.

For highest capacity and the most accurate control within a particular type of the 95 Series regulators, use the lowest range spring that can be adjusted to the desired setpoint (see Table 5 for part numbers of appropriate springs for each body size). See Table 1 for sizing example for the Types 95HD and 95LD regulators.

If closer control is necessary, a regulator of larger capacity or different design should be selected, so that the necessary flow can be obtained with a smaller droop factor.

Sometimes it may be necessary to interpolate the capacity table data to determine capacity for outlet settings not given. To maintain accuracy, it is important when interpolating to stay within a spring range if possible. The following is a procedure for interpolating the data to calculate flow:

1. Determine which spring is to be used.
2. Find the two outlet settings (P_2a and P_2b) that bracket the actual outlet pressure P_2.

3. For a given body size and inlet pressure, find the capacity Qa for P_2a and Qb for P_2b.

4. Use the following formula to determine the interpolated capacity (Q).

$$\frac{Qb - Qa}{P_2b - P_2a} = \frac{Qb - Q}{P_2b - P_2}$$

Example:
P_1 = 100 psig (6,9 bar)
NPS 1/4 Type 95H with 15 to 30 psig (1,0 to 2,1 bar) spring range
P_2 = 20 psig (1,4 bar)
Determine air capacity, Q.

Solution:
Qa = 1100 SCFH (29,5 Nm^3/h)
P_2a = 15 psig (1,0 bar)
Qb = 1600 SCFH (42,9 Nm^3/h)
P_2b = 30 psig (2,1 bar)

$$\frac{1600 - 1100}{30 - 15} = \frac{1600 - Q}{30 - 20}$$

Q = 1270 SCFH

$$\frac{42,9 - 29,5}{2,1 - 1,0} = \frac{42,9 - Q}{2,1 - 1,4}$$

Q = 34,0 Nm^3/h

Note

The same interpolation procedure can be used for different inlet pressures.

An alternative method for interpolating capacities is to back calculate C_v's as shown in Table 2.

Contact your local Sales Office if you should have any questions about selecting the proper regulator.

Air Capacities

Regulating capacities at selected pressures and outlet pressure flows are given in SCFH (60°F and 14.7 psia) of air. To determine the equivalent capacities for other gases, multiply the table capacities by the following appropriate conversion factors: 1.29 for 0.6 specific gravity natural gas, 0.808 for propane, 0.707 for butane, or 1.018 for nitrogen. For gases of other specific gravities, divide by the square root of the appropriate specific gravity.

Then, if capacity is desired in Nm^3/h at 0°C and 1,10325 bar, multiply SCFH by 0.0268.

Capacities in Tables 8, 9, 10, and 11 are for regulators using elastomer diaphragms. Depending on regulator construction, a multiplier must be used to convert to capacities for regulators using metal diaphragms.

To determine wide-open flow capacity for relief valve sizing of air at a temperature of 60°F, use the equation for critical pressure drops (absolute outlet pressure equal to one-half or less than one-half the absolute inlet pressure).

$$Q = P_{1(abs)}C_g$$

where,

Q = Gas flow, SCFH (60°F and 14.7 psia)

$P_{1(abs)}$ = Absolute inlet pressure, psia (add 14.7 psi to gauge inlet pressure to obtain absolute inlet pressure)

C_g = Wide-open gas sizing coefficient from Table 4

For pressure drops lower than critical (absolute outlet pressure greater than one-half the absolute inlet pressure), use the sizing nomographs in Fisher® Catalog 10, or the Fisher Sizing Program.

To obtain capacities in Nm^3/h at 0°C and 1,01325 bar, multiply the capacity determined in SCFH by 0.0268.

Steam Capacities

Capacities in Tables 13, 14, 15, 16, and 17 are in pounds/h of saturated steam. To obtain capacities in kg/h, multiply the capacities given in the table by 0.4535. Capacities have been calculated for stainless steel diaphragms only since steam service exceeds the elastomer diaphragm temperature limits.

To determine wide-open flow capacity for relief valve sizing of steam, use the equation for critical pressure drops (absolute outlet pressure equal to one-half or less than one-half absolute inlet pressure).

$Q = P_{1(abs)}C_s$

where,

Q = Steam flow, pounds/h

$P_{1(abs)}$ = Absolute inlet pressure, psia (add 14.7 psi to gauge inlet pressure to obtain absolute inlet pressure)

C_s = Wide-open steam sizing coefficient from Table 4

For pressure drops lower than critical (absolute outlet pressure greater than one-half absolute inlet pressure), use the sizing nomographs in Fisher Catalog 10, or the Fisher Sizing Program.

Water Capacities

All water capacities in Tables 18, 19, 20, 21, and 22 are in GPM. Capacities in Tables 18, 19, and 21 are for regulators using only elastomer diaphragms. Depending on regulator size, a multiplier, given in these tables, must be used to convert to capacities for regulators using metal diaphragms.

To determine flow capacity for liquid relief valve sizing, refer to Fisher® Catalog 10, or the Fisher Sizing Program using the C_v coefficients given in Table 4. The K_m values listed in Table 4 can be used to predict choked flow on liquid service.

To convert capacities to m^3/h, multiply GPM by 0.2271.

Table 8. *Air SCFH (Nm^3/h) Capacities[1] for NPS 1/4 through 1 (DN 25) Types 95L and 95LD Regulators with Elastomer Diaphragm*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)							
	Outlet Setting, Psig/ Psi (bar)	Inlet	1/4		1/2 (15)		3/4 (20)		1 (25)	
			Droop		Droop		Droop		Droop	
		Psig (bar)	10%	20%	10%	20%	10%	20%	10%	20%
2 to 6 (0,14 to 0,41)	2 (0,14)	10 (0,69)	150 (4,0)	280 (7,5)	300 (8,0)	400 (10,7)	680 (18,2)	1200 (32,2)	800 (21,4)	1400 (37,5)
		20 (1,4)	200 (5,4)	300 (8,0)	350 (9,4)	500 (13,4)	850 (22,8)	1700 (45,6)	1000 (26,8)	2000 (53,6)
		30 (2,1)	250 (6,7)	380 (10,2)	350 (9,4)	530 (14,2)	1100 (29,5)	2200 (59,0)	1300 (34,8)	2600 (69,7)
		50 (3,5)	250 (6,7)	380 (10,2)	350 (9,4)	530 (14,2)	1500 (40,2)	2900 (77,7)	1700 (45,6)	3400 (91,1)
		75 (5,2)	250 (6,7)	380 (10,2)	350 (9,4)	530 (14,2)	2100 (56,3)	3800 (102)	2500 (67,0)	4500 (121)
		100 (6,9)	250 (6,7)	380 (10,2)	350 (9,4)	530 (14,2)	2500 (67,0)	4200 (113)	3000 (80,4)	5000 (134)
		150 (10,3)	280 (7,5)	400 (10,7)	380 (10,2)	550 (14,7)	2500 (67,0)	4600 (123)	3000 (80,4)	5400 (145)
		200 (13,8)	280 (7,5)	400 (10,7)	400 (10,7)	550 (14,7)	2500 (67,0)	4700 (126)	3000 (80,4)	5600 (150)
		250 (17,2)	330 (8,8)	430 (11,5)	450 (12,1)	600 (16,1)	2500 (67,0)	4700 (126)	3000 (80,4)	5600 (150)
	5 (0,35)	10 (0,69)	200 (5,4)	380 (10,2)	400 (10,7)	600 (16,1)	1100 (29,5)	1700 (45,6)	1300 (34,8)	2000 (53,6)
		20 (1,4)	300 (8,0)	530 (14,2)	500 (13,4)	750 (20,1)	1900 (50,9)	3400 (91,1)	2200 (59,0)	4000 (107)
		30 (2,1)	400 (10,7)	600 (16,1)	550 (14,7)	850 (22,8)	2300 (61,6)	4200 (113)	2800 (75,0)	5000 (134)
		50 (3,5)	450 (12,1)	600 (16,1)	600 (16,1)	850 (22,8)	3500 (93,8)	5500 (147)	4200 (113)	6500 (174)
		75 (5,2)	450 (12,1)	630 (16,9)	650 (17,4)	900 (24,1)	3800 (102)	6800 (182)	4500 (121)	8000 (214)
		100 (6,9)	500 (13,4)	630 (16,9)	700 (18,8)	900 (24,1)	4200 (113)	7200 (193)	5000 (134)	8500 (228)
		150 (10,3)	500 (13,4)	630 (16,9)	700 (18,8)	900 (24,1)	4200 (113)	7600 (204)	5000 (134)	9000 (241)
		200 (13,8)	500 (13,4)	630 (16,9)	700 (18,8)	900 (24,1)	4200 (113)	8300 (222)	5000 (134)	9800 (263)
		250 (17,2)	500 (13,4)	630 (16,9)	700 (18,8)	900 (24,1)	4200 (113)	8300 (222)	5000 (134)	10 000 (268)

1. To obtain capacities for regulators using metal diaphragms, multiply the table values by 0.8.

- continued -

Table 8. *Air SCFH (Nm³/h) Capacities[1] for NPS 1/4 through 1 (DN 25) Types 95L and 95LD Regulators with Elastomer Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)							
	Outlet Setting, Psig/Psi (bar)	Inlet	1/4		1/2 (15)		3/4 (20)		1 (25)	
			Droop		Droop		Droop		Droop	
		Psig (bar)	10%	20%	10%	20%	10%	20%	10%	20%
5 to 15 (0,35 to 1,0)	10 (0,69)	20 (1,4)	500 (13,4)	680 (18,2)	750 (20,1)	1100 (29,5)	1700 (45,6)	2500 (67,0)	2000 (53,6)	3000 (80,4)
		30 (2,1)	600 (16,1)	850 (22,8)	900 (24,1)	1200 (32,2)	2100 (56,3)	4200 (113)	2500 (67,0)	5000 (134)
		50 (3,5)	750 (20,1)	930 (24,9)	1000 (26,8)	1400 (37,5)	2800 (75,0)	5300 (142)	3300 (88,4)	6300 (169)
		75 (5,2)	750 (20,1)	930 (24,9)	1000 (26,8)	1400 (37,5)	4700 (126)	8500 (228)	5500 (147)	10 000 (268)
		100 (6,9)	750 (20,1)	1000 (26,8)	1000 (26,8)	1400 (37,5)	6400 (172)	9300 (249)	7500 (201)	11 000 (295)
		150 (10,3)	750 (20,1)	1000 (26,8)	1000 (26,8)	1400 (37,5)	7700 (206)	12 000 (322)	9000 (241)	14 000 (375)
		200 (13,8)	750 (20,1)	1000 (26,8)	1000 (26,8)	1400 (37,5)	8500 (228)	13 000 (348)	10 000 (268)	15 000 (402)
		250 (17,2)	750 (20,1)	1000 (26,8)	1000 (26,8)	1400 (37,5)	8500 (228)	13 000 (348)	10 000 (268)	15 000 (402)
	15 (1,0)	20 (1,4)	450 (12,1)	700 (18,8)	800 (21,4)	1200 (32,2)	1900 (50,9)	2700 (72,4)	2200 (59,0)	3200 (85,8)
		30 (2,1)	700 (18,8)	1000 (26,8)	1100 (29,5)	1500 (40,2)	3200 (85,8)	4500 (121)	3800 (102)	5300 (142)
		50 (3,5)	900 (24,1)	1200 (32,2)	1300 (34,8)	1600 (42,9)	5100 (137)	7200 (193)	6000 (161)	8500 (228)
		75 (5,2)	1000 (26,8)	1200 (32,2)	1400 (37,5)	1650 (44,2)	6800 (182)	9300 (249)	8000 (214)	11 000 (295)
		100 (6,9)	1000 (26,8)	1300 (34,8)	1400 (37,5)	1800 (48,2)	8500 (228)	13 000 (348)	10 000 (268)	15 000 (402)
		150 (10,3)	1000 (26,8)	1300 (34,8)	1400 (37,5)	1800 (48,2)	11 000 (295)	15 000 (402)	13 000 (348)	18 000 (482)
		200 (13,8)	1000 (26,8)	1300 (34,8)	1400 (37,5)	1800 (48,2)	11 000 (295)	15 000 (402)	13 000 (348)	18 000 (482)
		250 (17,2)	1000 (26,8)	1300 (34,8)	1400 (37,5)	1800 (48,2)	11 000 (295)	15 000 (402)	13 000 (348)	18 000 (482)
13 to 30 (0,90 to 2,1)	20 (1,4)	30 (2,1)	550 (14,7)	850 (22,8)	1100 (29,5)	1500 (40,2)	2500 (67,0)	3800 (102)	3000 (80,4)	4500 (121)
		40 (2,8)	750 (20,1)	1100 (29,5)	1300 (34,8)	1700 (45,6)	3800 (102)	5500 (147)	4500 (121)	6500 (174)
		50 (3,5)	900 (24,1)	1300 (34,8)	1400 (37,5)	1800 (48,2)	4600 (123)	6800 (182)	5500 (147)	8000 (214)
		75 (5,2)	1100 (29,5)	1500 (40,2)	1500 (40,2)	2000 (53,6)	6800 (182)	9300 (249)	8000 (214)	11 000 (295)
		100 (6,9)	1100 (29,5)	1500 (40,2)	1600 (42,9)	2100 (56,3)	8000 (214)	13 000 (348)	9500 (255)	15 000 (402)
		150 (10,3)	1100 (29,5)	1500 (40,2)	1600 (42,9)	2100 (56,3)	10 000 (268)	15 000 (402)	12 000 (322)	18 000 (482)
		200 (13,8)	1100 (29,5)	1500 (40,2)	1600 (42,9)	2100 (56,3)	13 000 (348)	17 000 (456)	15 000 (402)	20 000 (536)
		250 (17,2)	1100 (29,5)	1500 (40,2)	1600 (42,9)	2100 (56,3)	13 000 (348)	17 000 (456)	15 000 (402)	20 000 (536)
	25 (1,7)	40 (2,76)	900 (24,1)	1200 (32,2)	1600 (42,9)	2400 (64,3)	4200 (113)	5500 (147)	5000 (134)	6500 (174)
		50 (3,45)	1200 (32,2)	1600 (42,9)	1900 (50,9)	2500 (67,0)	5100 (137)	6800 (182)	6000 (161)	8000 (214)
		75 (5,17)	1400 (37,5)	2000 (53,6)	2000 (53,6)	2800 (75,0)	7200 (193)	9300 (249)	8500 (228)	11 000 (295)
		100 (6,90)	1500 (40,2)	2500 (67,0)	2100 (56,3)	3300 (88,4)	8500 (228)	13 000 (348)	10 000 (268)	15 000 (402)
		150 (10,3)	1600 (42,9)	2500 (67,0)	2200 (59,0)	3300 (88,4)	10 000 (268)	17 000 (456)	12 000 (322)	20 000 (536)
		200 (13,8)	1600 (42,9)	2500 (67,0)	2200 (59,0)	3300 (88,4)	13 000 (348)	21 000 (563)	16 000 (429)	25 000 (670)
		250 (17,2)	1600 (42,9)	2500 (67,0)	2200 (59,0)	3300 (88,4)	13 000 (348)	21 000 (563)	16 000 (429)	25 000 (670)
	30 (2,1)	40 (2,76)	900 (24,1)	1200 (32,2)	1800 (48,2)	2400 (64,3)	3400 (91,1)	5100 (137)	4000 (107)	6000 (161)
		50 (3,45)	1200 (32,2)	1500 (40,2)	2000 (53,6)	2700 (72,4)	4200 (113)	6400 (172)	5000 (134)	7500 (201)
		75 (5,17)	1700 (45,6)	2300 (61,6)	2300 (61,6)	3200 (85,8)	7100 (190)	9300 (249)	8400 (225)	11 000 (295)
		100 (6,90)	1800 (48,2)	2500 (67,0)	2400 (64,3)	3600 (96,5)	8500 (228)	13 000 (348)	10 000 (268)	15 000 (402)
		150 (10,3)	1900 (50,9)	2500 (67,0)	2500 (67,0)	3600 (96,5)	11 000 (295)	17 000 (456)	13 000 (348)	20 000 (536)
		200 (13,8)	1900 (50,9)	2500 (67,0)	2500 (67,0)	3600 (96,5)	14 000 (375)	22 000 (590)	17 000 (456)	26 000 (697)
		250 (17,2)	1900 (50,9)	2500 (67,0)	2500 (67,0)	3600 (96,5)	14 000 (375)	22 000 (590)	17 000 (456)	26 000 (697)

1. To obtain capacities for regulators using metal diaphragms, multiply the table values by 0.8.

Table 9. *Air SCFH (Nm³/h) Capacities[1] for NPS 1/4 through 1/2 (DN 15) Types 95H and 95HD Regulators with Elastomer Diaphragm*

RECOMMENDED OUTLET PRESSURE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZES, NPS (DN)					
	Outlet Setting, Psig/Psi (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 30 (1,0 to 2,1)	15 (1,0)	30 (2,1)	680 (18,2)	1000 (26,8)	1300 (34,8)	900 (24,1)	1400 (37,5)	2200 (59,0)
		40 (2,8)	750 (20,1)	1000 (26,8)	1200 (32,2)	900 (24,1)	1500 (40,2)	2300 (61,6)
		50 (3,5)	840 (22,5)	1200 (32,2)	1300 (34,8)	900 (24,1)	1500 (40,2)	2200 (59,0)
		75 (5,2)	1100 (29,5)	1500 (40,2)	2000 (53,6)	1200 (32,2)	1800 (48,2)	2700 (72,4)
		100 (6,9)	1100 (29,5)	1600 (42,9)	2500 (67,0)	1400 (37,5)	2100 (56,3)	2900 (77,7)
		150 (10,3)	1400 (37,5)	2100 (56,3)	2800 (75,0)	1800 (48,2)	2400 (64,3)	3200 (85,8)
		200 (13,8)	1900 (50,9)	2300 (61,6)	3000 (80,4)	2200 (59,0)	2800 (75,0)	3600 (96,5)
		250 (17,2)	1700 (45,6)	2400 (64,3)	3200 (85,8)	2100 (56,3)	3100 (83,1)	3900 (105)
		300 (20,7)	2000 (53,6)	2700 (72,4)	3300 (88,4)	2700 (72,4)	3300 (88,4)	4300 (115)
	30 (2,1)	40 (2,8)	610 (16,3)	750 (20,1)	1100 (29,5)	1500 (40,2)	2300 (61,6)	3500 (93,8)
		50 (3,5)	780 (20,9)	960 (25,7)	1300 (34,8)	1300 (34,8)	2100 (56,3)	3400 (91,1)
		75 (5,2)	1500 (40,2)	1700 (45,6)	2500 (67,0)	1800 (48,2)	2800 (75,0)	4200 (113)
		100 (6,9)	1600 (42,9)	2500 (67,0)	3000 (80,4)	2000 (53,6)	3000 (80,4)	4400 (118)
		150 (10,3)	2200 (59,0)	3500 (93,8)	4400 (118)	2400 (64,3)	3800 (102)	5300 (142)
		200 (13,8)	2800 (75,0)	4200 (113)	4800 (129)	3100 (83,1)	4300 (115)	5800 (155)
		250 (17,2)	2800 (75,0)	4100 (110)	4900 (131)	3500 (93,8)	4600 (123)	6300 (169)
		300 (20,7)	3200 (85,8)	4600 (123)	5000 (134)	4000 (107)	4900 (131)	6600 (177)
25 to 75 (1,7 to 5,2)	50 (3,4)	60 (4,1)	1000 (26,8)	1300 (34,8)	1700 (45,6)	1200 (32,2)	2000 (53,6)	3800 (102)
		75 (5,2)	1200 (32,2)	1600 (42,9)	2400 (64,3)	1400 (37,5)	2300 (61,6)	3900 (105)
		100 (6,9)	1400 (37,5)	2300 (61,6)	3200 (85,8)	2100 (56,3)	2900 (77,7)	5000 (134)
		150 (10,3)	2100 (56,3)	3300 (88,4)	4600 (123)	2500 (67,0)	3700 (99,2)	5700 (153)
		200 (13,8)	2600 (69,7)	4500 (121)	6000 (161)	3100 (83,1)	4600 (123)	6500 (174)
		250 (17,2)	3600 (96,5)	5800 (155)	6500 (174)	3100 (83,1)	4500 (121)	6900 (185)
		300 (20,7)	4000 (107)	6200 (166)	7000 (188)	3500 (93,8)	5100 (137)	7300 (196)
	75 (5,2)	100 (6,9)	1600 (42,9)	2400 (64,3)	3000 (80,4)	2300 (61,6)	3700 (99,2)	6200 (166)
		125 (8,6)	2200 (59,0)	3200 (85,8)	3800 (102)	2600 (69,7)	4300 (115)	7300 (196)
		150 (10,3)	2500 (67,0)	3900 (105)	4600 (123)	3200 (85,8)	4700 (126)	7700 (206)
		200 (13,8)	3700 (99,2)	5400 (145)	6000 (161)	3700 (99,2)	5500 (147)	8500 (228)
		250 (17,2)	4900 (131)	6500 (174)	6700 (180)	4000 (107)	6100 (163)	9500 (255)
		300 (20,7)	5100 (137)	7600 (204)	9000 (241)	4700 (126)	7100 (190)	10 000 (268)
70 to 150 (4,8 to 10,3)	100 (6,9)	125 (8,6)	2000 (53,6)	2800 (75,0)	3700 (99,2)	3400 (91,1)	5800 (155)	8800 (236)
		150 (10,3)	2000 (53,6)	3500 (93,8)	4500 (121)	4000 (107)	6800 (182)	11 000 (295)
		175 (12,1)	2600 (69,7)	4100 (110)	5300 (142)	4800 (129)	7800 (209)	12 000 (322)
		200 (13,8)	2800 (75,0)	4600 (123)	5900 (158)	5200 (139)	8200 (220)	13 000 (348)
		250 (17,2)	3300 (88,4)	5800 (155)	7300 (196)	4300 (115)	8900 (239)	14 000 (375)
		300 (20,7)	4000 (107)	6900 (185)	8600 (230)	8000 (214)	11 000 (295)	15 000 (402)
	125 (8,6)	150 (10,3)	2000 (53,6)	3000 (80,4)	4200 (113)	5200 (139)	8200 (220)	11 000 (295)
		175 (12,1)	2800 (75,0)	4200 (113)	5100 (137)	5000 (134)	9000 (241)	13 000 (348)
		200 (13,8)	3400 (91,1)	4300 (115)	6000 (161)	5500 (147)	9300 (249)	14 000 (375)
		225 (15,5)	3600 (96,5)	5600 (150)	6600 (177)	6800 (182)	11 000 (295)	16 000 (429)
		250 (17,2)	3800 (102)	6200 (166)	7300 (196)	6900 (185)	13 000 (348)	17 000 (456)
		300 (20,7)	4600 (123)	7200 (193)	8700 (233)	7000 (188)	13 000 (348)	19 000 (509)
	150 (10,3)	175 (12,1)	2500 (67,0)	3800 (102)	4900 (131)	5600 (150)	9500 (255)	12 000 (322)
		200 (13,8)	3000 (80,4)	4300 (115)	5700 (153)	6500 (174)	11 000 (295)	14 000 (375)
		225 (15,5)	3300 (88,4)	5400 (145)	6600 (177)	7100 (190)	12 000 (322)	16 000 (429)
		250 (17,2)	4000 (107)	6300 (169)	7300 (196)	9000 (241)	14 000 (375)	18 000 (482)
		300 (20,7)	5400 (145)	7600 (204)	8400 (225)	8700 (233)	15 000 (402)	20 000 (536)

1. To obtain capacities for regulators using metal diaphragms, multiply the table values by 0.6.

- continued -

Table 9. *Air SCFH (Nm³/h) Capacities[1] for NPS 3/4 through 1 (DN 20 through 25) Types 95H and 95HD Regulators with Elastomer Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZES, NPS (DN)					
	Outlet Setting, Psig/Psi (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 30 (1,0 to 2,1)	15 (1,0)	30 (2,1)	2200 (59,0)	3100 (83,1)	4900 (131)	2200 (59,0)	3300 (88,4)	5400 (145)
		40 (2,8)	2700 (72,4)	3800 (102)	6200 (166)	2600 (69,7)	4200 (113)	6500 (174)
		50 (3,5)	2900 (77,7)	4300 (115)	6800 (182)	3400 (91,1)	5400 (145)	8200 (220)
		75 (5,2)	3800 (102)	5500 (147)	8400 (225)	4800 (129)	7000 (188)	11 000 (295)
		100 (6,9)	4000 (107)	6000 (161)	9000 (241)	5400 (145)	8000 (214)	12 000 (322)
		150 (10,3)	5000 (134)	7000 (188)	10 000 (268)	7000 (188)	10 000 (268)	15 000 (402)
		200 (13,8)	6000 (161)	8000 (214)	11 000 (295)	8700 (233)	11 700 (314)	16 000 (429)
		250 (17,2)	6800 (182)	8700 (233)	11 000 (295)	8500 (228)	12 000 (322)	17 000 (456)
		300 (20,7)	7400 (198)	9600 (257)	12 000 (322)	10 000 (268)	14 000 (375)	18 000 (482)
	30 (2,1)	40 (2,8)	2900 (77,7)	4500 (121)	6200 (166)	3200 (85,8)	5200 (139)	6600 (177)
		50 (3,5)	4000 (107)	6000 (161)	7800 (209)	4000 (107)	6600 (177)	8300 (222)
		75 (5,2)	5700 (153)	8500 (228)	12 000 (322)	5400 (145)	9300 (249)	12 000 (322)
		100 (6,9)	6300 (169)	9800 (263)	14 000 (375)	7400 (198)	11 000 (295)	16 000 (429)
		150 (10,3)	7700 (206)	12 000 (322)	16 000 (429)	10 000 (268)	15 000 (402)	22 000 (590)
		200 (13,8)	9200 (247)	12 000 (322)	17 000 (456)	12 000 (322)	18 000 (482)	26 000 (697)
		250 (17,2)	9000 (241)	13 000 (348)	18 000 (482)	14 000 (375)	20 000 (536)	27 000 (724)
		300 (20,7)	10 000 (268)	14 000 (375)	19 000 (509)	15 000 (402)	21 000 (563)	28 000 (750)
25 to 75 (1,7 to 5,2)	50 (3,4)	60 (4,1)	4000 (107)	6700 (180)	9000 (241)	4400 (118)	7200 (193)	9200 (247)
		75 (5,2)	6000 (161)	8600 (230)	12 000 (322)	6300 (169)	9600 (257)	12 000 (322)
		100 (6,9)	7400 (198)	11 000 (295)	15 000 (402)	7000 (188)	13 000 (348)	16 000 (429)
		150 (10,3)	8300 (222)	13 000 (348)	21 000 (563)	16 000 (429)	18 000 (482)	24 000 (643)
		200 (13,8)	11 000 (295)	17 000 (456)	24 000 (643)	15 000 (402)	24 000 (643)	31 000 (831)
		250 (17,2)	12 000 (322)	18 000 (482)	25 000 (670)	17 000 (456)	26 000 (697)	36 000 (965)
		300 (20,7)	12 000 (322)	18 000 (482)	26 000 (697)	19 000 (509)	27 000 (724)	38 000 (1018)
	75 (5,2)	100 (6,9)	8000 (214)	12 000 (322)	15 000 (402)	8700 (233)	13 000 (348)	15 000 (402)
		125 (8,6)	11 000 (295)	16 000 (429)	19 000 (509)	13 000 (348)	17 000 (456)	20 000 (536)
		150 (10,3)	12 000 (322)	18 000 (482)	22 000 (590)	13 000 (348)	21 000 (563)	25 000 (670)
		200 (13,8)	14 000 (375)	21 000 (563)	24 000 (643)	17 000 (456)	28 000 (750)	32 000 (858)
		250 (17,2)	16 000 (429)	24 000 (643)	26 000 (697)	22 000 (590)	33 000 (884)	38 000 (1018)
		300 (20,7)	16 000 (429)	25 000 (670)	28 000 (750)	23 000 (616)	35 000 (938)	45 000 (1206)
70 to 150 (4,8 to 10,3)	100 (6,9)	125 (8,6)	8500 (228)	14 000 (375)	18 000 (482)	11 000 (295)	16 000 (429)	19 000 (509)
		150 (10,3)	12 000 (322)	18 000 (482)	22 000 (590)	14 000 (375)	20 000 (536)	23 000 (616)
		175 (12,1)	13 000 (348)	21 000 (563)	26 000 (697)	16 000 (429)	25 000 (670)	28 000 (750)
		200 (13,8)	15 000 (402)	23 000 (616)	30 000 (804)	16 000 (429)	27 000 (724)	32 000 (858)
		250 (17,2)	15 000 (402)	25 000 (670)	37 000 (992)	21 000 (563)	34 000 (911)	39 000 (1045)
		300 (20,7)	19 000 (509)	29 000 (777)	41 000 (1099)	26 000 (697)	38 000 (1018)	46 000 (1233)
	125 (8,6)	150 (10,3)	12 000 (322)	18 000 (482)	21 000 (563)	13 000 (348)	20 000 (536)	23 000 (616)
		175 (12,1)	13 000 (348)	21 000 (563)	25 000 (670)	15 000 (402)	23 000 (616)	27 000 (724)
		200 (13,8)	16 000 (429)	25 000 (670)	29 000 (777)	17 000 (456)	28 000 (750)	31 000 (831)
		225 (15,5)	17 000 (456)	28 000 (750)	33 000 (884)	19 000 (509)	30 000 (804)	35 000 (938)
		250 (17,2)	18 000 (482)	29 000 (777)	37 000 (992)	20 000 (536)	34 000 (911)	39 000 (1045)
		300 (20,7)	21 000 (563)	32 000 (858)	45 000 (1206)	26 000 (697)	41 000 (1099)	46 000 (1233)
	150 (10,3)	175 (12,1)	14 000 (375)	20 000 (536)	29 000 (777)	16 000 (429)	22 000 (590)	26 000 (697)
		200 (13,8)	16 000 (429)	24 000 (643)	29 000 (777)	20 000 (536)	26 000 (697)	30 000 (804)
		225 (15,5)	20 000 (536)	29 000 (777)	33 000 (884)	22 000 (590)	30 000 (804)	35 000 (938)
		250 (17,2)	20 000 (536)	30 000 (804)	37 000 (992)	26 000 (697)	35 000 (938)	39 000 (1045)
		300 (20,7)	23 000 (616)	37 000 (992)	45 000 (1206)	31 000 (831)	44 000 (1179)	46 000 (1233)

1. To obtain capacities for regulators using metal diaphragms, multiply the table values by 0.6.

Table 10. *Air SCFH (Nm³/h) Capacities for NPS 1-1/2 through 2 (DN 40 through 50) Types 95H and 95HD Regulators with Either Elastomer or Stainless Steel Diaphragm*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig/Psi (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
5 to 80 (0,35 to 5,5)	5 (0,35)	10 (0,69)	950 (25,5)	1000 (26,8)	1500 (40,2)	1000 (26,8)	1100 (29,5)	1500 (40,2)
		20 (1,4)	2100 (56,3)	2500 (67,0)	4300 (115)	1800 (48,2)	2000 (53,6)	2600 (69,7)
		30 (2,1)	2500 (67,0)	3000 (80,4)	5000 (134)	3400 (91,1)	4600 (123)	7300 (196)
		50 (3,5)	3500 (93,8)	4000 (107)	6000 (161)	4000 (107)	5500 (147)	9000 (241)
		75 (5,2)	5000 (134)	6000 (161)	8000 (214)	5500 (147)	7000 (188)	11 000 (295)
		100 (6,9)	6500 (174)	8000 (214)	9500 (255)	9000 (241)	12 000 (322)	14 000 (375)
		150 (10,3)	8500 (228)	11 000 (295)	12 000 (322)	15 000 (402)	18 000 (482)	21 000 (563)
		200 (13,8)	12 000 (322)	14 000 (375)	17 000 (456)	16 000 (429)	19 000 (509)	21 000 (563)
		250 (17,2)	15 000 (402)	17 000 (456)	19 000 (509)	18 000 (482)	20 000 (536)	22 000 (590)
		300 (20,7)	18 000 (482)	20 000 (536)	21 000 (563)	19 000 (509)	21 000 (563)	23 000 (616)
	30 (2,1)	40 (2,8)	3400 (91,1)	6100 (163)	10 000 (268)	4500 (121)	6200 (166)	11 000 (295)
		50 (3,5)	4500 (121)	9000 (241)	14 000 (375)	8000 (214)	10 000 (268)	15 000 (402)
		75 (5,2)	6000 (161)	12 000 (322)	18 000 (482)	15 000 (402)	20 000 (536)	25 000 (670)
		100 (6,9)	8000 (214)	15 000 (402)	23 000 (616)	24 000 (643)	30 000 (804)	35 000 (938)
		150 (10,3)	12 000 (322)	21 000 (563)	35 000 (938)	44 000 (1179)	50 000 (1340)	54 000 (1447)
		200 (13,8)	20 000 (536)	31 000 (831)	38 000 (1018)	48 000 (1286)	55 000 (1474)	58 000 (1554)
		250 (17,2)	25 000 (670)	35 000 (938)	41 000 (1099)	51 000 (1367)	58 000 (1554)	60 000 (1608)
		300 (20,7)	29 000 (777)	38 000 (1018)	44 000 (1179)	53 000 (1420)	59 000 (1581)	61 000 (1635)
	50 (3,4)	60 (4,1)	6300 (169)	10 000 (268)	20 000 (536)	6500 (174)	11 000 (295)	21 000 (563)
		75 (5,2)	9000 (241)	14 000 (375)	32 000 (858)	12 000 (322)	20 000 (536)	35 000 (938)
		100 (6,9)	10 000 (268)	19 000 (509)	45 000 (1206)	20 000 (536)	40 000 (1072)	55 000 (1474)
		150 (10,3)	13 000 (348)	28 000 (750)	61 000 (1635)	30 000 (804)	68 000 (1822)	75 000 (2010)
		200 (13,8)	21 000 (563)	36 000 (965)	64 000 (1715)	43 000 (1152)	75 000 (2010)	83 000 (2224)
		250 (17,2)	31 000 (831)	45 000 (1206)	66 000 (1769)	55 000 (1474)	80 000 (2144)	86 000 (2305)
		300 (20,7)	39 000 (1045)	51 000 (1367)	67 000 (1796)	65 000 (1742)	84 000 (2251)	89 000 (2385)
	75 (5,2)	100 (6,9)	14 000 (375)	22 000 (590)	42 000 (1126)	15 000 (402)	28 000 (750)	50 000 (1340)
		125 (8,6)	17 000 (456)	30 000 (804)	55 000 (1474)	20 000 (536)	45 000 (1206)	65 000 (1742)
		150 (10,3)	20 000 (536)	39 000 (1045)	71 000 (1903)	26 000 (697)	69 000 (1849)	76 000 (2037)
		200 (13,8)	23 000 (616)	49 000 (1313)	81 000 (2171)	50 000 (1340)	90 000 (2412)	96 000 (2573)
		250 (17,2)	33 000 (884)	57 000 (1528)	85 000 (2278)	70 000 (1876)	110 000 (2948)	110 000 (2948)
		300 (20,7)	43 000 (1152)	65 000 (1742)	88 000 (2358)	90 000 (2412)	120 000 (3216)	120 000 (3216)
60 to 120 (4,1 to 8,3)	100 (6,9)	125 (8,6)	11 000 (295)	29 000 (777)	50 000 (1340)	12 000 (322)	30 000 (804)	54 000 (1447)
		150 (10,3)	22 000 (590)	37 000 (992)	64 000 (1715)	25 000 (670)	45 000 (1206)	71 000 (1903)
		175 (12,1)	25 000 (670)	47 000 (1260)	75 000 (2010)	33 000 (884)	52 000 (1394)	90 000 (2412)
		225 (15,5)	28 000 (750)	62 000 (1662)	95 000 (2546)	28 000 (750)	62 000 (1662)	95 000 (2546)
		250 (17,2)	33 000 (884)	70 000 (1876)	110 000 (2948)	45 000 (1206)	70 000 (1876)	130 000 (3484)
		300 (20,7)	40 000 (1072)	88 000 (2358)	120 000 (3216)	55 000 (1474)	80 000 (2144)	150 000 (4020)
100 to 140 (6,9 to 9,7)	125 (8,6)	150 (10,3)	21 000 (563)	40 000 (1072)	64 000 (1715)	22 000 (590)	40 000 (1072)	65 000 (1742)
		175 (12,1)	25 000 (670)	47 000 (1260)	74 000 (1983)	32 000 (858)	50 000 (1340)	75 000 (2010)
		200 (13,8)	28 000 (750)	54 000 (1447)	90 000 (2412)	39 000 (1045)	70 000 (1876)	90 000 (2412)
		225 (15,5)	30 000 (804)	60 000 (1608)	100 000 (2680)	46 000 (1233)	100 000 (2680)	110 000 (2948)
		250 (17,2)	35 000 (938)	70 000 (1876)	110 000 (2948)	56 000 (1501)	120 000 (3216)	130 000 (3484)
		300 (20,7)	42 000 (1126)	85 000 (2278)	130 000 (3484)	86 000 (2305)	150 000 (4020)	150 000 (4020)
120 to 150 (8,3 to 10,3)	150 (10,3)	175 (12,1)	19 000 (509)	32 000 (858)	54 000 (1447)	20 000 (536)	33 000 (884)	55 000 (1474)
		200 (13,8)	23 000 (616)	44 000 (1179)	79 000 (2117)	24 000 (643)	45 000 (1206)	80 000 (2144)
		225 (15,5)	29 000 (777)	61 000 (1635)	100 000 (2680)	29 000 (777)	61 000 (1635)	100 000 (2680)
		250 (17,2)	35 000 (938)	70 000 (1876)	120 000 (3216)	49 000 (1313)	96 000 (2573)	120 000 (3216)
		300 (20,7)	45 000 (1206)	90 000 (2412)	150 000 (4020)	86 000 (2305)	140 000 (3752)	150 000 (4020)

Table 11. *Air SCFH (Nm³/h) Capacities for NPS 1/4 through 1/2 (DN 15) Type 95HP Regulators with Elastomer Diaphragms*[1]

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	15 (1,0)	30 (2,1)	300 (8,0)	550 (14,7)	850 (22,8)	600 (16,1)	850 (22,8)	1400 (37,5)
		40 (2,8)	350 (9,4)	580 (15,5)	1000 (26,8)	620 (16,6)	900 (24,1)	1500 (40,2)
		50 (3,5)	380 (10,2)	600 (16,1)	1200 (32,2)	700 (18,8)	1200 (32,2)	1700 (45,6)
		75 (5,2)	530 (14,2)	750 (20,1)	1300 (34,8)	900 (24,1)	1500 (40,2)	1800 (48,2)
		100 (6,9)	800 (21,4)	1200 (32,2)	2000 (53,6)	1100 (29,5)	1700 (45,6)	2600 (69,7)
		150 (10,3)	1100 (29,5)	1600 (42,9)	2400 (64,3)	1700 (45,6)	2300 (61,6)	3100 (83,1)
		200 (13,8)	1200 (32,2)	1700 (45,6)	2800 (75,0)	2100 (56,3)	2800 (75,0)	3500 (93,8)
		250 (17,2)	1500 (40,2)	2100 (56,3)	2900 (77,7)	2400 (64,3)	3000 (80,4)	3800 (102)
		300 (20,7)	1700 (45,6)	2300 (61,6)	2900 (77,7)	2700 (72,4)	3300 (88,4)	4000 (107)
		400 (27,6)	1800 (48,2)	2300 (61,6)	2900 (77,7)	3300 (88,4)	3800 (102)	4300 (115)
		500 (34,5)	1900 (50,9)	2400 (64,3)	3000 (80,4)	3900 (105)	4200 (113)	4500 (121)
		600 (41,4)	2100 (56,3)	2600 (69,7)	3200 (85,8)	4500 (121)	4800 (129)	4900 (131)
	30 (2,1)	40 (2,8)	430 (11,5)	750 (20,1)	1100 (29,5)	900 (24,1)	1500 (40,2)	1900 (50,9)
		50 (3,5)	500 (13,4)	900 (24,1)	1600 (42,9)	1200 (32,2)	1600 (42,9)	2000 (53,6)
		75 (5,2)	700 (18,8)	1200 (32,2)	2100 (56,3)	1300 (34,8)	2100 (56,3)	3600 (96,5)
		100 (6,9)	800 (21,4)	1700 (45,6)	2900 (77,7)	1800 (48,2)	2600 (69,7)	4100 (110)
		150 (10,3)	1400 (37,5)	2500 (67,0)	3800 (102)	2100 (56,3)	3200 (85,8)	4800 (129)
		200 (13,8)	2000 (53,6)	3000 (80,4)	4200 (113)	2600 (69,7)	3800 (102)	5100 (137)
		250 (17,2)	2200 (59,0)	3300 (88,4)	4300 (115)	3000 (80,4)	4000 (107)	5600 (150)
		300 (20,7)	2400 (64,3)	3500 (93,8)	4300 (115)	3500 (93,8)	4700 (126)	5900 (158)
		400 (27,6)	2800 (75,0)	3900 (105)	4300 (115)	4100 (110)	5200 (139)	6300 (169)
		500 (34,5)	2800 (75,0)	3900 (105)	4300 (115)	4800 (129)	5900 (158)	6400 (172)
		600 (41,4)	2800 (75,0)	3900 (105)	4300 (115)	5300 (142)	6200 (166)	7100 (190)
	50 (3,4)	60 (4,1)	700 (18,8)	1300 (34,8)	1900 (50,9)	1500 (40,2)	2500 (67,0)	4000 (107)
		75 (5,2)	730 (19,6)	1500 (40,2)	2500 (67,0)	1700 (45,6)	3100 (83,1)	5000 (134)
		100 (6,9)	1400 (37,5)	2500 (67,0)	3200 (85,8)	2300 (61,6)	3800 (102)	6000 (161)
		150 (10,3)	2200 (59,0)	3600 (96,5)	4700 (126)	2800 (75,0)	4800 (129)	6800 (182)
		200 (13,8)	3000 (80,4)	4600 (123)	5500 (147)	3500 (93,8)	5700 (153)	7800 (209)
		250 (17,2)	3500 (93,8)	4700 (126)	5800 (155)	3800 (102)	6000 (161)	8100 (217)
		300 (20,7)	3500 (93,8)	5500 (147)	6200 (166)	4400 (118)	6400 (172)	8800 (236)
		400 (27,6)	4000 (107)	5700 (153)	6200 (166)	5200 (139)	7000 (188)	9300 (249)
		500 (34,5)	4400 (118)	5700 (153)	6200 (166)	5700 (153)	7400 (198)	9600 (257)
		600 (41,4)	5000 (134)	5700 (153)	6200 (166)	6000 (161)	8200 (220)	10 000 (268)
	100 (6,9)	125 (8,6)	2000 (53,6)	3200 (85,8)	3900 (105)	4100 (110)	6700 (180)	9000 (241)
		150 (10,3)	3100 (83,1)	4100 (110)	4700 (126)	5000 (134)	8000 (214)	11 000 (295)
		175 (12,1)	3600 (96,5)	5100 (137)	5500 (147)	5700 (153)	8800 (236)	13 000 (348)
		200 (13,8)	4500 (121)	5700 (153)	6200 (166)	5700 (153)	9300 (249)	14 000 (375)
		250 (17,2)	5000 (134)	6700 (180)	7800 (209)	6500 (174)	10 000 (268)	15 000 (402)
		300 (20,7)	6100 (163)	8300 (222)	9000 (241)	7200 (193)	11 000 (295)	16 000 (429)
		400 (27,6)	7000 (188)	10 000 (268)	11 000 (295)	7800 (209)	12 000 (322)	17 000 (456)
		500 (34,5)	7800 (209)	11 000 (295)	12 000 (322)	8700 (233)	13 000 (348)	17 000 (456)
		600 (41,4)	7800 (209)	12 000 (322)	12 000 (322)	9000 (241)	14 000 (375)	18 000 (482)
80 to 300 (5,5 to 20,7)	125 (8,6)	150 (10,3)	2100 (56,3)	2800 (75,0)	4100 (110)	3000 (80,4)	5200 (139)	8600 (230)
		175 (12,1)	2200 (59,0)	3200 (85,8)	4700 (126)	3500 (93,8)	6000 (161)	9500 (255)
		200 (13,8)	2800 (75,0)	4000 (107)	5600 (150)	4000 (107)	6500 (174)	11 000 (295)
		225 (15,5)	3100 (83,1)	4300 (115)	6100 (163)	4000 (107)	6700 (180)	11 000 (295)
		250 (17,2)	3300 (88,4)	4900 (131)	6600 (177)	4400 (118)	7000 (188)	12 000 (322)
		300 (20,7)	3700 (99,2)	5700 (153)	7900 (212)	5200 (139)	8200 (220)	14 000 (375)
		400 (27,6)	5200 (139)	7500 (201)	11 000 (295)	6500 (174)	10 000 (268)	15 000 (402)
		500 (34,5)	6300 (169)	9500 (255)	13 000 (348)	7900 (212)	12 000 (322)	18 000 (482)
		600 (41,4)	7000 (188)	11 000 (295)	16 000 (429)	9300 (249)	14 000 (375)	21 000 (563)
	200 (13,8)	225 (15,5)	3200 (85,8)	4500 (121)	6400 (172)	5500 (147)	9300 (249)	15 000 (402)
		250 (17,2)	3800 (102)	5400 (145)	7200 (193)	5600 (150)	10 000 (268)	17 000 (456)
		300 (20,7)	4200 (113)	6600 (177)	8700 (233)	6500 (174)	11 000 (295)	19 000 (509)
		350 (24,1)	4800 (129)	7500 (201)	10 000 (268)	7500 (201)	13 000 (348)	20 000 (536)
		400 (27,6)	5700 (153)	8500 (228)	12 000 (322)	8800 (236)	14 000 (375)	22 000 (590)
		450 (31,0)	6300 (169)	9700 (260)	13 000 (348)	9600 (257)	15 000 (402)	24 000 (643)
		500 (34,5)	6700 (180)	11 000 (295)	15 000 (402)	11 000 (295)	17 000 (456)	26 000 (697)
		600 (41,4)	7200 (193)	13 000 (348)	18 000 (482)	11 000 (295)	19 000 (509)	30 000 (804)

1. To obtain capacities for Type 95HT (metal diaphragm), multiply the table values by 0.6.

- continued -

Table 11. *Air SCFH (Nm³/h) Capacities for NPS 1/4 through 1/2 (DN 15) Type 95HP Regulators with Elastomer Diaphragms(1) (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
80 to 300 (5,5 to 20,7)	250 (17,2)	275 (19,0)	4100 (110)	5800 (155)	7700 (206)	7600 (204)	12 000 (322)	19 000 (509)
		300 (20,7)	4200 (113)	6600 (177)	8400 (225)	7200 (193)	13 000 (348)	20 000 (536)
		350 (24,1)	5000 (134)	7500 (201)	10 000 (268)	8000 (214)	14 000 (375)	23 000 (616)
		400 (27,6)	5200 (139)	8600 (230)	12 000 (322)	9200 (247)	16 000 (429)	26 000 (697)
		450 (31,0)	5800 (155)	9700 (260)	13 000 (348)	9700 (260)	17 000 (456)	28 000 (750)
		500 (34,5)	6300 (169)	11 000 (295)	15 000 (402)	10 000 (268)	18 000 (482)	31 000 (831)
		550 (37,9)	6700 (180)	12 000 (322)	16 000 (429)	11 000 (295)	20 000 (536)	34 000 (911)
		600 (41,4)	7200 (193)	13 000 (348)	18 000 (482)	12 000 (322)	20 000 (536)	36 000 (965)
	300 (20,7)	350 (24,1)	5200 (139)	7700 (206)	10 000 (268)	9000 (241)	16 000 (429)	24 000 (643)
		400 (27,6)	5600 (150)	8800 (236)	12 000 (322)	9500 (255)	17 000 (456)	28 000 (750)
		450 (31,0)	6000 (161)	9900 (265)	13 000 (348)	10 000 (268)	18 000 (482)	31 000 (831)
		500 (34,5)	6400 (172)	11 000 (295)	15 000 (402)	11 000 (295)	19 000 (509)	34 000 (911)
		550 (37,9)	6800 (182)	12 000 (322)	17 000 (456)	11 000 (295)	20 000 (536)	37 000 (992)
		600 (41,4)	7200 (193)	13 000 (348)	18 000 (482)	12 000 (322)	21 000 (563)	41 000 (1099)
80 to 400 (5,5 to 27,6) Type 95HP Only	400 (27,6)	500 (34,5)	7000 (188)	13 000 (348)	17 000 (456)	11 000 (295)	20 000 (536)	38 000 (1018)
		600 (41,4)	7200 (193)	14 000 (375)	19 000 (509)	12 000 (322)	21 000 (563)	42 000 (1126)

1. To obtain capacities for Type 95HT (metal diaphragm), multiply the table values by 0.6.

Table 11. *Air SCFH (Nm³/h) Capacities for NPS 3/4 through 1 (DN 20 through 25) Type 95HP Regulators with Elastomer Diaphragms(1) (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	15 (1,0)	30 (2,1)	1300 (34,8)	1800 (48,2)	2900 (77,7)	1200 (32,2)	1600 (42,9)	2500 (67,0)
		40 (2,8)	1300 (34,8)	2100 (56,3)	2900 (77,7)	1300 (34,8)	2000 (53,6)	3000 (80,4)
		50 (3,5)	1500 (40,2)	2400 (64,3)	3400 (91,1)	1900 (50,9)	2700 (72,4)	3800 (102)
		75 (5,2)	2400 (64,3)	3200 (85,8)	4600 (123)	2600 (69,7)	3800 (102)	5400 (145)
		100 (6,9)	3100 (83,1)	4300 (115)	6000 (161)	3000 (80,4)	4700 (126)	7000 (188)
		150 (10,3)	4000 (107)	5000 (134)	7600 (204)	4500 (121)	6400 (172)	9600 (257)
		200 (13,8)	4500 (121)	6200 (166)	8300 (222)	5500 (147)	7500 (201)	13 000 (348)
		250 (17,2)	5500 (147)	7000 (188)	9200 (247)	6500 (174)	9000 (241)	13 000 (348)
		300 (20,7)	6500 (174)	8000 (214)	10 000 (268)	7500 (201)	10 000 (268)	14 000 (375)
		400 (27,6)	8200 (220)	9500 (255)	12 000 (322)	9000 (241)	12 000 (322)	17 000 (456)
		500 (34,5)	10 000 (268)	11 000 (295)	13 000 (348)	11 000 (295)	14 000 (375)	20 000 (536)
		600 (41,4)	12 000 (322)	13 000 (348)	15 000 (402)	12 000 (322)	16 000 (429)	22 000 (590)
	30 (2,1)	40 (2,8)	1700 (45,6)	2800 (75,0)	4600 (123)	1900 (50,9)	2900 (77,7)	4700 (126)
		50 (3,5)	2200 (59,0)	3500 (93,8)	5700 (153)	2300 (61,6)	3300 (88,4)	5800 (155)
		75 (5,2)	3000 (80,4)	4500 (121)	7200 (193)	3300 (88,4)	4800 (129)	8400 (225)
		100 (6,9)	4100 (110)	6100 (163)	9500 (255)	4000 (107)	6000 (161)	11 000 (295)
		150 (10,3)	5000 (134)	7200 (193)	12 000 (322)	6400 (172)	9500 (255)	15 000 (402)
		200 (13,8)	6000 (161)	9000 (241)	14 000 (375)	6500 (174)	11 000 (295)	18 000 (482)
		250 (17,2)	7400 (198)	10 000 (268)	14 000 (375)	8000 (214)	14 000 (375)	20 000 (536)
		300 (20,7)	8500 (228)	12 000 (322)	16 000 (429)	9000 (241)	15 000 (402)	22 000 (590)
		400 (27,6)	11 000 (295)	14 000 (375)	18 000 (482)	12 000 (322)	18 000 (482)	25 000 (670)
		500 (34,5)	13 000 (348)	15 000 (402)	21 000 (563)	15 000 (402)	22 000 (590)	30 000 (804)
		600 (41,4)	15 000 (402)	17 000 (456)	22 000 (590)	17 000 (456)	24 000 (643)	32 000 (858)

1. To obtain capacities for Type 95HT (metal diaphragm), multiply the table values by 0.6.

- continued -

Table 11. *Air SCFH (Nm³/h) Capacities for NPS 3/4 through 1 (DN 20 through 25) Type 95HP Regulators with Elastomer Diaphragms[1] (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	50 (3,4)	60 (4,1)	2800 (75,0)	5000 (134)	8000 (214)	3000 (80,4)	5000 (134)	8500 (228)
		75 (5,2)	3800 (102)	6200 (166)	10 000 (268)	4000 (107)	6400 (172)	11 000 (295)
		100 (6,9)	5000 (134)	8500 (228)	14 000 (375)	5400 (145)	9300 (249)	15 000 (402)
		150 (10,3)	7500 (201)	12 000 (322)	18 000 (482)	9000 (241)	14 000 (375)	22 000 (590)
		200 (13,8)	8000 (214)	13 000 (348)	21 000 (563)	10 000 (268)	16 000 (429)	26 000 (697)
		250 (17,2)	10 000 (268)	15 000 (402)	22 000 (590)	13 000 (348)	21 000 (563)	32 000 (858)
		300 (20,7)	11 000 (295)	16 000 (429)	24 000 (643)	15 000 (402)	23 000 (616)	34 000 (911)
		400 (27,6)	14 000 (375)	19 000 (509)	26 000 (697)	16 000 (429)	26 000 (697)	38 000 (1018)
		500 (34,5)	16 000 (429)	20 000 (536)	27 000 (724)	18 000 (482)	30 000 (804)	42 000 (1126)
		600 (41,4)	19 000 (509)	24 000 (643)	31 000 (831)	20 000 (536)	33 000 (884)	47 000 (1260)
	100 (6,9)	125 (8,6)	8500 (228)	14 000 (375)	18 000 (482)	8800 (236)	15 000 (402)	18 000 (482)
		150 (10,3)	11 000 (295)	18 000 (482)	22 000 (590)	11 000 (295)	19 000 (509)	23 000 (616)
		175 (12,1)	12 000 (322)	20 000 (536)	26 000 (697)	14 000 (375)	23 000 (616)	26 000 (697)
		200 (13,8)	13 000 (348)	22 000 (590)	30 000 (804)	16 000 (429)	26 000 (697)	31 000 (831)
		250 (17,2)	16 000 (429)	26 000 (697)	37 000 (992)	20 000 (536)	33 000 (884)	39 000 (1045)
		300 (20,7)	18 000 (482)	29 000 (777)	42 000 (1126)	21 000 (563)	35 000 (938)	46 000 (1233)
		400 (27,6)	22 000 (590)	32 000 (858)	46 000 (1233)	28 000 (750)	45 000 (1206)	62 000 (1662)
		500 (34,5)	25 000 (670)	36 000 (965)	53 000 (1420)	36 000 (965)	56 000 (1501)	78 000 (2090)
		600 (41,4)	29 000 (777)	39 000 (1045)	55 000 (1474)	43 000 (1152)	66 000 (1769)	95 000 (2546)
80 to 300 (5,5 to 20,7)	125 (8,6)	150 (10,3)	7000 (188)	11 000 (295)	19 000 (509)	7800 (209)	13 000 (348)	20 000 (536)
		175 (12,1)	7000 (188)	13 000 (348)	21 000 (563)	7500 (201)	13 000 (348)	23 000 (616)
		200 (13,8)	9500 (255)	15 000 (402)	24 000 (643)	8500 (228)	15 000 (402)	25 000 (670)
		225 (15,5)	10 000 (268)	16 000 (429)	27 000 (724)	9500 (255)	16 000 (429)	29 000 (777)
		250 (17,2)	12 000 (322)	19 000 (509)	29 000 (777)	10 000 (268)	18 000 (482)	32 000 (858)
		300 (20,7)	13 000 (348)	20 000 (536)	33 000 (884)	12 000 (322)	23 000 (616)	38 000 (1018)
		400 (27,6)	16 000 (429)	25 000 (670)	39 000 (1045)	17 000 (456)	29 000 (777)	48 000 (1286)
		500 (34,5)	18 000 (482)	30 000 (804)	46 000 (1233)	21 000 (563)	36 000 (965)	59 000 (1581)
		600 (41,4)	20 000 (536)	34 000 (911)	52 000 (1394)	26 000 (697)	43 600 (1168)	69 000 (1849)
	200 (13,8)	225 (15,5)	11 000 (295)	20 000 (536)	30 000 (804)	12 000 (322)	21 000 (563)	31 000 (831)
		250 (17,2)	14 000 (375)	24 000 (643)	35 000 (938)	14 000 (375)	23 000 (616)	35 000 (938)
		300 (20,7)	17 000 (456)	28 000 (750)	42 000 (1126)	18 000 (482)	31 000 (831)	44 000 (1179)
		350 (24,1)	21 000 (563)	34 000 (911)	49 000 (1313)	20 000 (536)	37 000 (992)	55 000 (1474)
		400 (27,6)	21 000 (563)	35 000 (938)	55 000 (1474)	22 000 (590)	40 000 (1072)	59 000 (1581)
		450 (31,0)	25 000 (670)	41 000 (1099)	62 000 (1662)	25 000 (670)	46 000 (1233)	69 000 (1849)
		500 (34,5)	27 000 (724)	45 000 (1206)	68 000 (1822)	27 000 (724)	51 000 (1367)	76 000 (2037)
		600 (41,4)	30 000 (804)	50 000 (1340)	75 000 (2010)	30 000 (804)	59 000 (1581)	90 000 (2412)
	250 (17,2)	275 (19,0)	15 000 (402)	25 000 (670)	36 000 (965)	16 000 (429)	27 000 (724)	38 000 (1018)
		300 (20,7)	18 000 (482)	30 000 (804)	41 000 (1099)	17 000 (456)	31 000 (831)	42 000 (1126)
		350 (24,1)	22 000 (590)	36 000 (965)	50 000 (1340)	24 000 (643)	39 000 (1045)	51 000 (1367)
		400 (27,6)	22 000 (590)	37 000 (992)	55 000 (1474)	24 000 (643)	43 000 (1152)	59 000 (1581)
		450 (31,0)	25 000 (670)	42 000 (1126)	61 000 (1635)	28 000 (750)	50 000 (1340)	68 000 (1822)
		500 (34,5)	26 000 (697)	44 000 (1179)	65 000 (1742)	31 000 (831)	56 000 (1501)	76 000 (2037)
		550 (37,9)	27 000 (724)	45 000 (1206)	74 000 (1983)	34 000 (911)	62 000 (1662)	85 000 (2278)
		600 (41,4)	31 000 (831)	52 000 (1394)	80 000 (2144)	38 000 (1018)	68 000 (1822)	93 000 (2492)
	300 (20,7)	350 (24,1)	21 000 (563)	37 000 (992)	48 000 (1286)	22 000 (590)	38 000 (1018)	49 000 (1313)
		400 (27,6)	24 000 (643)	41 000 (1099)	57 000 (1528)	26 000 (697)	47 000 (1260)	58 000 (1554)
		450 (31,0)	27 000 (724)	46 000 (1233)	67 000 (1796)	31 000 (831)	55 000 (1474)	69 000 (1849)
		500 (34,5)	30 000 (804)	50 000 (1340)	76 000 (2037)	35 000 (938)	64 000 (1715)	79 000 (2117)
		550 (37,9)	33 000 (884)	55 000 (1474)	86 000 (2305)	40 000 (1072)	72 000 (1930)	90 000 (2412)
		600 (41,4)	36 000 (965)	59 000 (1581)	95 000 (2546)	44 000 (1179)	81 000 (2171)	100 000 (2680)
80 to 400 (5,5 to 27,6) Type 95HP Only	400 (27,6)	500 (34,5)	35 000 (938)	60 000 (1608)	90 000 (2412)	42 000 (1126)	80 000 (2144)	95 000 (2546)
		600 (41,4)	40 000 (1072)	65 000 (1742)	100 000 (2680)	50 000 (1340)	85 000 (2278)	110 000 (2948)

1. To obtain capacities for Type 95HT (metal diaphragm), multiply the table values by 0.6.

Table 12. *Air SCFH (Nm³/h) Capacities for NPS 1-1/2 through 2 (DN 40 through 50) Types 95HT (Metal Diaphragm) and 95HP (Elastomer Diaphragm) Regulators*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	15 (1,0)	30 (2,1)	1800 (48,2)	2800 (75,0)	3800 (102)	2000 (53,6)	3000 (80,4)	4000 (107)
		40 (2,8)	3800 (102)	5000 (134)	7000 (188)	4000 (107)	6000 (161)	8000 (214)
		50 (3,5)	4500 (121)	6000 (161)	8000 (214)	5000 (134)	8000 (214)	12 000 (322)
		75 (5,2)	5800 (155)	8000 (214)	11 000 (295)	8000 (214)	12 000 (322)	20 000 (536)
		100 (6,9)	7000 (188)	9500 (255)	14 000 (375)	10 000 (268)	16 000 (429)	26 000 (697)
		150 (10,3)	10 000 (268)	13 000 (348)	19 000 (509)	20 000 (536)	25 000 (670)	32 000 (858)
		200 (13,8)	14 000 (375)	18 000 (482)	24 000 (643)	31 000 (831)	33 000 (884)	36 000 (965)
		250 (17,2)	18 000 (482)	22 000 (590)	27 000 (724)	31 000 (831)	33 000 (884)	37 000 (992)
		300 (20,7)	21 000 (563)	25 000 (670)	29 000 (777)	31 000 (831)	33 000 (884)	37 000 (992)
		400 (27,6)	25 000 (670)	28 000 (750)	31 000 (831)	32 000 (858)(1)	34 000 (911)(1)	38 000 (1018)(1)
		500 (34,5)	28 000 (750)	30 000 (804)	33 000 (884)	33 000 (884)(1)	35 000 (938)(1)	39 000 (1045)(1)
		600 (41,4)	30 000 (804)	32 000 (858)	35 000 (938)	34 000 (911)(1)	36 000 (965)(1)	39 000 (1045)(1)
	30 (2,1)	40 (2,8)	4500 (121)	6300 (169)	11 000 (295)	4500 (121)	7000 (188)	13 000 (348)
		50 (3,5)	5500 (147)	7500 (201)	13 000 (348)	5500 (147)	9000 (241)	15 000 (402)
		75 (5,2)	6500 (174)	9500 (255)	17 000 (456)	7500 (201)	14 000 (375)	25 000 (670)
		100 (6,9)	8000 (214)	12 000 (322)	23 000 (616)	12 000 (322)	23 000 (616)	39 000 (1045)
		150 (10,3)	12 000 (322)	19 000 (509)	30 000 (804)	35 000 (938)	43 000 (1152)	49 000 (1313)
		200 (13,8)	17 000 (456)	28 000 (750)	36 000 (965)	49 000 (1313)	52 000 (1394)	56 000 (1501)
		250 (17,2)	23 000 (616)	35 000 (938)	40 000 (1072)	53 000 (1420)	56 000 (1501)	60 000 (1608)
		300 (20,7)	28 000 (750)	39 000 (1045)	44 000 (1179)	55 000 (1474)	58 000 (1554)	61 000 (1635)
		400 (27,6)	34 000 (911)	41 000 (1099)	48 000 (1286)	56 000 (1501)(1)	60 000 (1608)(1)	63 000 (1688)(1)
		500 (34,5)	37 000 (992)	42 000 (1126)	50 000 (1340)	57 000 (1528)(1)	61 000 (1635)(1)	64 000 (1715)(1)
		600 (41,4)	39 000 (1045)	43 000 (1152)	52 000 (1394)	58 000 (1554)(1)	62 000 (1662)(1)	65 000 (1742)(1)
	50 (3,4)	60 (4,1)	6500 (174)	11 000 (295)	21 000 (563)	8000 (214)	13 000 (348)	27 000 (724)
		75 (5,2)	8500 (228)	13 000 (348)	27 000 (724)	17 000 (456)	22 000 (590)	40 000 (1072)
		100 (6,9)	12 000 (322)	18 000 (482)	35 000 (938)	30 000 (804)	36 000 (965)	50 000 (1340)
		150 (10,3)	18 000 (482)	28 000 (750)	48 000 (1286)	50 000 (1340)	56 000 (1501)	70 000 (1876)
		200 (13,8)	24 000 (643)	37 000 (992)	58 000 (1554)	63 000 (1688)	73 000 (1956)	81 000 (2171)
		250 (17,2)	30 000 (804)	45 000 (1206)	62 000 (1662)	72 000 (1930)	80 000 (2144)	88 000 (2358)
		300 (20,7)	36 000 (965)	50 000 (1340)	65 000 (1742)	78 000 (2090)	85 000 (2278)	91 000 (2439)
		400 (27,6)	46 000 (1233)	57 000 (1528)	66 000 (1769)	84 000 (2251)(1)	89 000 (2385)(1)	94 000 (2519)(1)
		500 (34,5)	54 000 (1447)	62 000 (1662)	69 000 (1849)	88 000 (2358)(1)	92 000 (2466)(1)	97 000 (2600)(1)
		600 (41,4)	60 000 (1608)	67 000 (1796)	72 000 (1930)	92 000 (2466)(1)	95 000 (2546)(1)	100 000 (2680)(1)
	100 (6,9)	125 (8,6)	20 000 (536)	32 000 (858)	60 000 (1608)	40 000 (1072)	45 000 (1206)	70 000 (1876)
		150 (10,3)	23 000 (616)	38 000 (1018)	72 000 (1930)	50 000 (1340)	63 000 (1688)	86 000 (2305)
		200 (13,8)	30 000 (804)	55 000 (1474)	92 000 (2466)	82 000 (2198)	97 000 (2600)	107 000 (2868)
		250 (17,2)	38 000 (1018)	65 000 (1742)	96 000 (2573)	98 000 (2626)	110 000 (2948)	121 000 (3243)
		300 (20,7)	48 000 (1286)	75 000 (2010)	98 000 (2626)	107 000 (2868)	117 000 (3136)	127 000 (3404)
		400 (27,6)	65 000 (1742)	85 000 (2278)	100 000 (2680)	117 000 (3136)(1)	125 000 (3350)(1)	133 000 (3564)(1)
		500 (34,5)	75 000 (2010)	95 000 (2546)	102 000 (2734)	127 000 (3404)(1)	130 000 (3484)(1)	135 000 (3618)(1)
		600 (41,4)	82 000 (2198)	103 000 (2760)	105 000 (2814)	133 000 (3564)(1)	135 000 (3618)(1)	138 000 (3698)(1)
60 to 260 (4,1 to 17,9)	125 (8,6)	150 (10,3)	16 000 (429)	26 000 (697)	49 000 (1313)	17 000 (456)	26 000 (697)	59 000 (1581)
		175 (12,1)	18 000 (482)	30 000 (804)	55 000 (1474)	18 000 (482)	30 000 (804)	70 000 (1876)
		200 (13,8)	20 000 (536)	33 000 (884)	63 000 (1688)	20 000 (536)	34 000 (911)	80 000 (2144)
		225 (15,5)	22 000 (590)	38 000 (1018)	72 000 (1930)	22 000 (590)	40 000 (1072)	96 000 (2573)
		250 (17,2)	30 000 (804)	42 000 (1126)	80 000 (2144)	32 000 (858)	50 000 (1340)	111 000 (2975)
		300 (20,7)	36 000 (965)	52 000 (1394)	95 000 (2546)	50 000 (1340)	75 000 (2010)	135 000 (3618)
		400 (27,6)	42 000 (1126)	72 000 (1930)	120 000 (3216)	96 000 (2573)	136 000 (3645)	166 000 (4449)
		500 (34,5)	48 000 (1286)	85 000 (2278)	130 000 (3484)	110 000 (2948)	160 000 (4288)	185 000 (4958)
		600 (41,4)	52 000 (1394)	95 000 (2546)	140 000 (3752)	125 000 (3350)	170 000 (4556)	195 000 (5226)
	200 (13,8)	225 (15,5)	27 000 (724)	51 000 (1367)	92 000 (2466)	28 000 (750)	52 000 (1394)	106 000 (2841)
		250 (17,2)	29 000 (777)	54 000 (1447)	99 000 (2653)	30 000 (804)	55 000 (1474)	100 000 (2680)
		300 (20,7)	40 000 (1072)	72 000 (1930)	128 000 (3430)	42 000 (1126)	80 000 (2144)	142 000 (3806)
		350 (24,1)	46 000 (1233)	82 000 (2198)	140 000 (3752)	54 000 (1447)	97 000 (2600)	160 000 (4288)

1. Capacities limited due to boost.

- continued -

Table 12. *Air SCFH (Nm³/h) Capacities for NPS 1-1/2 through 2 (DN 40 through 50) Types 95HT (Metal Diaphragm) and 95HP (Elastomer Diaphragm) Regulators (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
60 to 260 (4,1 to 17,9)	200 (13,8)	400 (27,6)	54 000 (1447)	100 000 (2680)	165 000 (4422)	76 000 (2037)	166 000 (4449)	196 000 (5253)
		450 (31,0)	62 000 (1662)	110 000 (2948)	180 000 (4824)	80 000 (2144)	160 000 (4288)	200 000 (5360)
		500 (34,5)	72 000 (1930)	120 000 (3216)	190 000 (5092)	100 000 (2680)	170 000 (4556)	215 000 (5762)
		600 (41,4)	90 000 (2412)	130 000 (3484)	200 000 (5360)	125 000 (3350)	180 000 (4824)	230 000 (6164)
	250 (17,2)	275 (19,0)	30 000 (804)	60 000 (1608)	102 000 (2734)	30 000 (804)	60 000 (1608)	103 000 (2760)
		300 (20,7)	45 000 (1206)	80 000 (2144)	130 000 (3484)	40 000 (1072)	80 000 (2144)	125 000 (3350)
		350 (24,1)	56 000 (1501)	102 000 (2734)	154 000 (4127)	57 000 (1528)	108 000 (2894)	168 000 (4502)
		400 (27,6)	64 000 (1715)	110 000 (2948)	169 000 (4529)	74 000 (1983)	140 000 (3752)	194 000 (5199)
		450 (31,0)	71 000 (1903)	120 000 (3216)	180 000 (4824)	84 000 (2251)	155 000 (4154)	215 000 (5762)
		500 (34,5)	74 000 (1983)	129 000 (3457)	190 000 (5092)	93 000 (2492)	168 000 (4502)	225 000 (6030)
		550 (37,9)	81 000 (2171)	138 000 (3698)	198 000 (5306)	102 000 (2734)	175 000 (4690)	235 000 (6298)
		600 (41,4)	84 000 (2251)	145 000 (3886)	205 000 (5494)	110 000 (2948)	182 000 (4878)	245 000 (6566)
60 to 300 (4,1 to 20,7) Type 95HP Only	300 (20,7)	350 (24,1)	53 000 (1420)	94 000 (2519)	150 000 (4020)	54 000 (1447)	97 000 (2600)	151 000 (4047)
		400 (27,6)	64 000 (1715)	115 000 (3082)	180 000 (4824)	70 000 (1876)	128 000 (3430)	192 000 (5146)
		450 (31,0)	80 000 (2144)	130 000 (3484)	200 000 (5360)	90 000 (2412)	145 000 (3886)	220 000 (5896)
		500 (34,5)	95 000 (2546)	145 000 (3886)	220 000 (5896)	110 000 (2948)	163 000 (4368)	240 000 (6432)
		550 (37,9)	104 000 (2787)	158 000 (4234)	235 000 (6298)	128 000 (3430)	181 000 (4851)	260 000 (6968)
		600 (41,4)	112 000 (3002)	168 000 (4502)	250 000 (6700)	136 000 (3645)	199 000 (5333)	280 000 (7504)

1. Capacities limited due to boost.

Table 13. *Steam Capacities[1] for NPS 1/4 through 1 (DN 25) Types 95L and 95LD Regulators with Stainless Steel Diaphragm*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)							
	Outlet Setting, Psig/Psi (bar)	Inlet	1/4		1/2 (15)		3/4 (20)		1 (25)	
			Droop		Droop		Droop		Droop	
		Psig (bar)	10%	20%	10%	20%	10%	20%	10%	20%
2 to 6 (0,14 to 0,41)	2 (0,14)	10 (0,69)	6.0 (2,7)	11 (5,0)	12 (5,4)	16 (7,3)	27 (12,2)	48 (21,8)	32 (14,5)	56 (25,4)
		20 (1,4)	8.0 (3,6)	12 (5,4)	14 (6,4)	20 (9,1)	34 (15,4)	68 (30,8)	40 (18,1)	80 (36,3)
		30 (2,1)	10 (4,5)	15 (6,8)	14 (6,4)	21 (9,5)	44 (20,0)	88 (39,9)	52 (23,6)	100 (45,4)
		50 (3,5)	10 (4,5)	15 (6,8)	14 (6,4)	21 (9,5)	60 (27,2)	120 (54,4)	68 (30,8)	140 (63,5)
		75 (5,2)	10 (4,5)	15 (6,8)	14 (6,4)	21 (9,5)	84 (38,1)	150 (68,0)	100 (45,4)	180 (81,6)
		100 (6,9)	10 (4,5)	15 (6,8)	14 (6,4)	21 (9,5)	100 (45,4)	170 (77,1)	120 (54,4)	200 (90,7)
		150 (10,3)	11 (5,0)	16 (7,3)	15 (6,8)	22 (10,0)	100 (45,4)	180 (81,6)	120 (54,4)	220 (99,8)
		200 (13,8)	11 (5,0)	16 (7,3)	16 (7,3)	22 (10,0)	100 (45,4)	190 (86,2)	120 (54,4)	220 (99,8)
		250 (17,2)	13 (5,9)	17 (7,7)	18 (8,2)	24 (10,9)	100 (45,4)	190 (86,2)	120 (54,4)	220 (99,8)
	5 (0,35)	10 (0,69)	8.0 (3,6)	15 (6,8)	16 (7,3)	24 (10,9)	44 (20,0)	68 (30,8)	52 (23,6)	80 (36,3)
		20 (1,4)	12 (5,4)	21 (9,5)	20 (9,1)	30 (13,6)	76 (34,5)	140 (63,5)	88 (39,9)	160 (72,6)
		30 (2,1)	16 (7,3)	24 (10,9)	22 (10,0)	34 (15,4)	92 (41,7)	170 (77,1)	110 (49,9)	200 (90,7)
		50 (3,5)	18 (8,2)	24 (10,9)	24 (10,9)	34 (15,4)	140 (63,5)	220 (99,8)	170 (77,1)	260 (118)
		75 (5,2)	18 (8,2)	25 (11,3)	26 (11,8)	36 (16,3)	150 (68,0)	270 (122)	180 (81,6)	320 (145)
		100 (6,9)	20 (9,1)	25 (11,3)	28 (12,7)	36 (16,3)	170 (77,1)	290 (132)	200 (90,7)	340 (154)
		150 (10,3)	20 (9,1)	25 (11,3)	28 (12,7)	36 (16,3)	170 (77,1)	300 (136)	200 (90,7)	360 (163)
		200 (13,8)	20 (9,1)	25 (11,3)	28 (12,7)	36 (16,3)	170 (77,1)	330 (150)	200 (90,7)	390 (177)
		250 (17,2)	20 (9,1)	25 (11,3)	28 (12,7)	36 (16,3)	170 (77,1)	330 (150)	200 (90,7)	400 (181)
5 to 15 (0,35 to 1,0)	10 (0,69)	20 (1,4)	20 (9,1)	27 (12,2)	30 (13,6)	44 (20,0)	68 (30,8)	100 (45,4)	80 (36,3)	120 (54,4)
		30 (2,1)	24 (10,9)	34 (15,4)	36 (16,3)	48 (21,8)	84 (38,1)	170 (77,1)	100 (45,4)	200 (90,7)
		50 (3,5)	30 (13,6)	37 (16,8)	40 (18,1)	56 (25,4)	110 (49,9)	210 (95,3)	130 (59,0)	250 (113)
		75 (5,2)	30 (13,6)	37 (16,8)	40 (18,1)	56 (25,4)	190 (86,2)	340 (154)	220 (99,8)	400 (181)
		100 (6,9)	30 (13,6)	40 (18,1)	40 (18,1)	56 (25,4)	260 (118)	370 (168)	300 (136)	440 (200)
		150 (10,3)	30 (13,6)	40 (18,1)	40 (18,1)	56 (25,4)	310 (141)	480 (218)	360 (163)	560 (254)
		200 (13,8)	30 (13,6)	40 (18,1)	40 (18,1)	56 (25,4)	340 (154)	520 (236)	400 (181)	600 (272)
		250 (17,2)	30 (13,6)	40 (18,1)	40 (18,1)	56 (25,4)	340 (154)	520 (236)	400 (181)	600 (272)
	15 (1,0)	20 (1,4)	18 (8,2)	28 (12,7)	32 (14,5)	48 (21,8)	76 (34,5)	110 (49,9)	88 (39,9)	130 (59,0)
		30 (2,1)	28 (12,7)	40 (18,1)	44 (20,0)	60 (27,2)	130 (59,0)	180 (81,6)	150 (68,0)	210 (95,3)
		50 (3,5)	36 (16,3)	48 (21,8)	52 (23,6)	64 (29,0)	200 (90,7)	290 (132)	240 (109)	340 (154)
		75 (5,2)	40 (18,1)	48 (21,8)	56 (25,4)	68 (30,8)	270 (122)	370 (168)	320 (145)	440 (200)
		100 (6,9)	40 (18,1)	52 (23,6)	56 (25,4)	72 (32,7)	340 (154)	520 (236)	400 (181)	600 (272)
		150 (10,3)	40 (18,1)	52 (23,6)	56 (25,4)	72 (32,7)	440 (200)	600 (272)	520 (236)	720 (327)
		200 (13,8)	40 (18,1)	52 (23,6)	56 (25,4)	72 (32,7)	440 (200)	600 (272)	520 (236)	720 (327)
		250 (17,2)	40 (18,1)	52 (23,6)	56 (25,4)	72 (32,7)	440 (200)	600 (272)	520 (236)	720 (327)

1. Capacities are in pounds/h (kg/h) of saturated steam.

- continued -

Table 13. *Steam Capacities[1] for NPS 1/4 through 1 (DN 25) Types 95L and 95LD Regulators with Stainless Steel Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)							
	Outlet Setting, Psig/Psi (bar)	Inlet	1/4		1/2 (15)		3/4 (20)		1 (25)	
			Droop		Droop		Droop		Droop	
		Psig (bar)	10%	20%	10%	20%	10%	20%	10%	20%
13 to 30 (0,90 to 2,1)	20 (1,4)	30 (2,1)	22 (10,0)	34 (15,4)	44 (20,0)	60 (27,2)	100 (45,4)	100 (45,4)	120 (54,4)	180 (81,6)
		40 (2,8)	30 (13,6)	44 (20,0)	52 (23,6)	68 (30,8)	150 (68,0)	150 (68,0)	180 (81,6)	260 (118)
		50 (3,5)	36 (16,3)	52 (23,6)	56 (25,4)	72 (32,7)	180 (81,6)	180 (81,6)	220 (99,8)	320 (145)
		75 (5,2)	44 (20,0)	60 (27,2)	60 (27,2)	80 (36,3)	270 (122)	270 (122)	320 (145)	440 (200)
		100 (6,9)	44 (20,0)	60 (27,2)	64 (29,0)	84 (38,1)	320 (145)	320 (145)	380 (172)	600 (272)
		150 (10,3)	44 (20,0)	60 (27,2)	64 (29,0)	84 (38,1)	400 (181)	400 (181)	480 (218)	720 (327)
		200 (13,8)	44 (20,0)	60 (27,2)	64 (29,0)	84 (38,1)	520 (236)	520 (236)	600 (272)	800 (363)
		250 (17,2)	44 (20,0)	60 (27,2)	64 (29,0)	84 (38,1)	520 (236)	520 (236)	600 (272)	800 (363)
	25 (1,7)	40 (2,8)	36 (16,3)	48 (21,8)	64 (29,0)	96 (43,5)	170 (77,1)	220 (99,8)	200 (90,7)	260 (118)
		50 (3,5)	48 (21,8)	64 (29,0)	76 (34,5)	100 (45,4)	200 (90,7)	270 (122)	240 (109)	320 (145)
		75 (5,2)	56 (25,4)	80 (36,3)	80 (36,3)	110 (49,9)	290 (132)	370 (168)	340 (154)	440 (200)
		100 (6,9)	60 (27,2)	100 (45,4)	84 (38,1)	130 (59,0)	340 (154)	520 (236)	400 (181)	600 (272)
		150 (10,3)	64 (29,0)	100 (45,4)	88 (39,9)	130 (59,0)	400 (181)	680 (308)	480 (218)	800 (363)
		200 (13,8)	64 (29,0)	100 (45,4)	88 (39,9)	130 (59,0)	520 (236)	840 (381)	640 (290)	1000 (454)
		250 (17,2)	64 (29,0)	100 (45,4)	88 (39,9)	130 (59,0)	520 (236)	840 (381)	640 (290)	1000 (454)
	30 (2,1)	40 (2,8)	36 (16,3)	48 (21,8)	72 (32,7)	96 (43,5)	140 (63,5)	200 (90,7)	160 (72,6)	240 (109)
		50 (3,5)	48 (21,8)	60 (27,2)	80 (36,3)	110 (49,9)	170 (77,1)	260 (118)	200 (90,7)	300 (136)
		75 (5,2)	68 (30,8)	92 (41,7)	92 (41,7)	130 (59,0)	280 (127)	370 (168)	340 (154)	440 (200)
		100 (6,9)	72 (32,7)	100 (45,4)	96 (43,5)	140 (63,5)	340 (154)	520 (236)	400 (181)	600 (272)
		150 (10,3)	76 (34,5)	100 (45,4)	100 (45,4)	140 (63,5)	440 (200)	680 (308)	520 (236)	800 (363)
		200 (13,8)	76 (34,5)	100 (45,4)	100 (45,4)	140 (63,5)	560 (254)	880 (399)	680 (308)	1000 (454)
		250 (17,2)	76 (34,5)	100 (45,4)	100 (45,4)	140 (63,5)	560 (254)	880 (399)	680 (308)	1000 (454)

1. Capacities are in pounds/h (kg/h) of saturated steam.

Table 14. *Steam Capacities[1] for NPS 1/4 through 1/2 (DN 15) Types 95H and 95HD Regulators with Metal Diaphragm*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig/Psi (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 30 (1,0 to 2,1)	15 (1,0)	30 (2,1)	20 (9,1)	30 (13,6)	39 (17,7)	27 (12,2)	42 (19,1)	66 (29,9)
		40 (2,8)	23 (10,4)	30 (13,6)	36 (16,3)	27 (12,2)	45 (20,4)	69 (31,3)
		50 (3,5)	25 (11,3)	36 (16,3)	39 (17,7)	27 (12,2)	45 (20,4)	66 (29,9)
		75 (5,2)	33 (15,0)	45 (20,4)	60 (27,2)	36 (16,3)	54 (24,5)	81 (36,7)
		100 (6,9)	33 (15,0)	48 (21,8)	75 (34,0)	42 (19,1)	63 (28,6)	87 (39,5)
		150 (10,3)	42 (19,1)	63 (28,6)	84 (38,1)	54 (24,5)	72 (32,7)	96 (43,5)
		200 (13,8)	57 (25,9)	69 (31,3)	90 (40,8)	66 (29,9)	84 (38,1)	110 (49,9)
		250 (17,2)	51 (23,1)	72 (32,7)	96 (43,5)	63 (28,6)	93 (42,2)	120 (54,4)
		300 (20,7)	60 (27,2)	81 (36,7)	99 (44,9)	81 (36,7)	99 (44,9)	130 (59,0)
	30 (2,1)	40 (2,8)	18 (8,2)	23 (10,4)	33 (15,0)	45 (20,4)	69 (31,3)	110 (49,9)
		50 (3,5)	23 (10,4)	29 (13,2)	39 (17,7)	39 (17,7)	63 (28,6)	100 (45,4)
		75 (5,2)	45 (20,4)	51 (23,1)	75 (34,0)	54 (24,5)	84 (38,1)	130 (59,0)
		100 (6,9)	48 (21,8)	75 (34,0)	90 (40,8)	60 (27,2)	90 (40,8)	130 (59,0)
		150 (10,3)	66 (29,9)	110 (49,9)	130 (59,0)	72 (32,7)	110 (49,9)	160 (72,6)
		200 (13,8)	84 (38,1)	130 (59,0)	140 (63,5)	93 (42,2)	130 (59,0)	170 (77,1)
		250 (17,2)	84 (38,1)	120 (54,4)	150 (68,0)	110 (49,9)	140 (63,5)	190 (86,2)
		300 (20,7)	96 (43,5)	140 (63,5)	150 (68,0)	120 (54,4)	150 (68,0)	200 (90,7)
25 to 75 (1,7 to 5,2)	50 (3,4)	60 (4,1)	30 (13,6)	39 (17,7)	51 (23,1)	36 (16,3)	60 (27,2)	110 (49,9)
		75 (5,2)	36 (16,3)	48 (21,8)	72 (32,7)	42 (19,1)	69 (31,3)	120 (54,4)
		100 (6,9)	42 (19,1)	69 (31,3)	96 (43,5)	63 (28,6)	87 (39,5)	150 (68,0)
		150 (10,3)	63 (28,6)	99 (44,9)	140 (63,5)	75 (34,0)	110 (49,9)	170 (77,1)
		200 (13,8)	78 (35,4)	140 (63,5)	180 (81,6)	93 (42,2)	140 (63,5)	200 (90,7)
		250 (17,2)	110 (49,9)	170 (77,1)	200 (90,7)	93 (42,2)	140 (63,5)	210 (95,3)
		300 (20,7)	120 (54,4)	190 (86,2)	210 (95,3)	110 (49,9)	150 (68,0)	220 (99,8)
	75 (5,2)	100 (6,9)	48 (21,8)	72 (32,7)	90 (40,8)	69 (31,3)	110 (49,9)	190 (86,2)
		125 (8,6)	66 (29,9)	96 (43,5)	110 (49,9)	78 (35,4)	130 (59,0)	220 (99,8)
		150 (10,3)	75 (34,0)	120 (54,4)	140 (63,5)	96 (43,5)	140 (63,5)	230 (104)
		200 (13,8)	110 (49,9)	160 (72,6)	180 (81,6)	110 (49,9)	170 (77,1)	260 (118)
		250 (17,2)	150 (68,0)	200 (90,7)	200 (90,7)	120 (54,4)	180 (81,6)	290 (132)
		300 (20,7)	150 (68,0)	230 (104)	270 (122)	140 (63,5)	210 (95,3)	300 (136)

1. Capacities are based in pounds/h (kg/h) of saturated steam.

- continued -

Table 14. *Steam Capacities[1] for NPS 1/4 through 1/2 (DN 15) Types 95H and 95HD Regulators with Metal Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig/Psi (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
70 to 150 (4,8 to 10,3)	100 (6,9)	125 (8,6)	60 (27,2)	84 (38,1)	110 (49,9)	100 (45,4)	170 (77,1)	260 (118)
		150 (10,3)	60 (27,2)	110 (49,9)	140 (63,5)	120 (54,4)	200 (90,7)	330 (150)
		175 (12,1)	78 (35,4)	120 (54,4)	160 (72,6)	140 (63,5)	230 (104)	360 (163)
		200 (13,8)	84 (38,1)	140 (63,5)	180 (81,6)	160 (72,6)	250 (113)	390 (177)
		250 (17,2)	99 (44,9)	170 (77,1)	220 (99,8)	130 (59,0)	270 (122)	420 (191)
		300 (20,7)	120 (54,4)	210 (95,3)	260 (118)	240 (109)	330 (150)	450 (204)
	125 (8,6)	150 (10,3)	60 (27,2)	90 (40,8)	130 (59,0)	160 (72,6)	250 (113)	330 (150)
		175 (12,1)	84 (38,1)	130 (59,0)	150 (68,0)	150 (68,0)	270 (122)	390 (177)
		200 (13,8)	100 (45,4)	130 (59,0)	180 (81,6)	170 (77,1)	280 (127)	420 (191)
		225 (15,5)	110 (49,9)	170 (77,1)	200 (90,7)	200 (90,7)	330 (150)	480 (218)
		250 (17,2)	110 (49,9)	190 (86,2)	220 (99,8)	210 (95,3)	390 (177)	510 (231)
		300 (20,7)	140 (63,5)	220 (99,8)	260 (118)	210 (95,3)	390 (177)	570 (259)
	150 (10,3)	175 (12,1)	75 (34,0)	110 (49,9)	150 (68,0)	170 (77,1)	290 (132)	360 (163)
		200 (13,8)	90 (40,8)	130 (59,0)	170 (77,1)	200 (90,7)	330 (150)	420 (191)
		225 (15,5)	99 (44,9)	160 (72,6)	200 (90,7)	210 (95,3)	360 (163)	480 (218)
		250 (17,2)	120 (54,4)	190 (86,2)	220 (99,8)	270 (122)	420 (191)	540 (245)
		300 (20,7)	160 (72,6)	230 (104)	250 (113)	260 (118)	450 (204)	600 (272)

1. Capacities are based in pounds/h (kg/h) of saturated steam.

Table 14. *Steam Capacities[1] for NPS 3/4 through 1 (DN 20 through 25) Types 95H and 95HD Regulators with Metal Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig/Psi (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 30 (1,0 to 2,1)	15 (1,0)	30 (2,1)	66 (29,9)	93 (42,2)	150 (68,0)	66 (29,9)	99 (44,9)	160 (72,6)
		40 (2,8)	81 (36,7)	110 (49,9)	190 (86,2)	78 (35,4)	130 (59,0)	200 (90,7)
		50 (3,5)	87 (39,5)	130 (59,0)	200 (90,7)	100 (45,4)	160 (72,6)	250 (113)
		75 (5,2)	110 (49,9)	170 (77,1)	250 (113)	140 (63,5)	210 (95,3)	330 (150)
		100 (6,9)	120 (54,4)	180 (81,6)	270 (122)	160 (72,6)	240 (109)	360 (163)
		150 (10,3)	150 (68,0)	210 (95,3)	300 (136)	210 (95,3)	300 (136)	450 (204)
		200 (13,8)	180 (81,6)	240 (109)	330 (150)	260 (118)	360 (163)	480 (218)
		250 (17,2)	200 (90,7)	260 (118)	330 (150)	260 (118)	360 (163)	510 (231)
		300 (20,7)	220 (99,8)	290 (132)	360 (163)	300 (136)	420 (191)	540 (245)
	30 (2,1)	40 (2,8)	87 (39,5)	140 (63,5)	190 (86,2)	96 (43,5)	160 (72,6)	200 (90,7)
		50 (3,5)	120 (54,4)	180 (81,6)	230 (104)	120 (54,4)	200 (90,7)	250 (113)
		75 (5,2)	170 (77,1)	260 (118)	360 (163)	160 (72,6)	280 (127)	360 (163)
		100 (6,9)	190 (86,2)	290 (132)	420 (191)	220 (99,8)	330 (150)	480 (218)
		150 (10,3)	230 (104)	360 (163)	480 (218)	300 (136)	450 (204)	660 (299)
		200 (13,8)	280 (127)	360 (163)	510 (231)	360 (163)	540 (245)	780 (354)
		250 (17,2)	270 (122)	390 (177)	540 (245)	420 (191)	600 (272)	810 (367)
		300 (20,7)	300 (136)	420 (191)	570 (259)	450 (204)	630 (286)	840 (381)
25 to 75 (1,7 to 5,2)	50 (3,4)	60 (4,1)	120 (54,4)	200 (90,7)	270 (122)	130 (59,0)	220 (99,8)	280 (127)
		75 (5,2)	180 (81,6)	260 (118)	360 (163)	190 (86,2)	290 (132)	360 (163)
		100 (6,9)	220 (99,8)	330 (150)	450 (204)	210 (95,3)	390 (177)	480 (218)
		150 (10,3)	250 (113)	390 (177)	630 (286)	480 (218)	540 (245)	720 (327)
		200 (13,8)	330 (150)	510 (231)	720 (327)	450 (204)	720 (327)	930 (422)
		250 (17,2)	360 (163)	540 (245)	750 (340)	510 (231)	780 (354)	1100 (499)
		300 (20,7)	360 (163)	540 (245)	780 (354)	570 (259)	810 (367)	1100 (499)
	75 (5,2)	100 (6,9)	240 (109)	360 (163)	450 (204)	260 (118)	390 (177)	450 (204)
		125 (8,6)	330 (150)	480 (218)	570 (259)	390 (177)	510 (231)	600 (272)
		150 (10,3)	360 (163)	540 (245)	660 (299)	390 (177)	630 (286)	750 (340)
		200 (13,8)	420 (191)	630 (286)	720 (327)	510 (231)	840 (381)	960 (435)
		250 (17,2)	480 (218)	720 (327)	780 (354)	660 (299)	990 (449)	1100 (499)
		300 (20,7)	480 (218)	750 (340)	840 (381)	690 (313)	1100 (499)	1400 (635)

1. Capacities are based in pounds/h (kg/h) of saturated steam.

- continued -

Table 14. *Steam Capacities[1] for NPS 3/4 through 1 (DN 20 through 25) Types 95H and 95HD Regulators with Metal Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig/Psi (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
70 to 150 (4,8 to 10,3)	100 (6,9)	125 (8,6)	260 (118)	420 (191)	540 (245)	330 (150)	480 (218)	570 (259)
		150 (10,3)	360 (163)	540 (245)	660 (299)	420 (191)	600 (272)	690 (313)
		175 (12,1)	390 (177)	630 (286)	780 (354)	480 (218)	750 (340)	840 (381)
		200 (13,8)	450 (204)	690 (313)	900 (408)	480 (218)	810 (367)	960 (435)
		250 (17,2)	450 (204)	750 (340)	1100 (499)	630 (286)	1000 (454)	1200 (544)
		300 (20,7)	570 (259)	870 (395)	1200 (544)	780 (354)	1100 (499)	1400 (635)
	125 (8,6)	150 (10,3)	360 (163)	540 (245)	630 (286)	390 (177)	600 (272)	690 (313)
		175 (12,1)	390 (177)	630 (286)	750 (340)	450 (204)	690 (313)	810 (367)
		200 (13,8)	480 (218)	750 (340)	870 (395)	510 (231)	840 (381)	930 (422)
		225 (15,5)	510 (231)	840 (381)	990 (449)	570 (259)	900 (408)	1100 (499)
		250 (17,2)	540 (245)	870 (395)	1100 (499)	600 (272)	1000 (454)	1200 (544)
		300 (20,7)	630 (286)	960 (435)	1400 (635)	780 (354)	1200 (544)	1400 (635)
	150 (10,3)	175 (12,1)	420 (191)	600 (272)	870 (395)	480 (218)	660 (299)	780 (354)
		200 (13,8)	480 (218)	720 (327)	870 (395)	600 (272)	780 (354)	900 (408)
		225 (15,5)	600 (272)	870 (395)	990 (449)	660 (299)	900 (408)	1100 (499)
		250 (17,2)	600 (272)	900 (408)	1100 (499)	780 (354)	1100 (499)	1200 (544)
		300 (20,7)	690 (313)	1100 (499)	1400 (635)	930 (422)	1300 (590)	1400 (635)

1. Capacities are based in pounds/h (kg/h) of saturated steam.

Table 15. *Steam Capacities[1] for NPS 1-1/2 through 2 (DN 40 through 50) Types 95H and 95HD Regulators with Metal Diaphragm*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig/Psi (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
5 to 80 (0,35 to 5,5)	5 (0,35)	10 (0,69)	48 (21,8)	50 (22,7)	75 (34,0)	50 (22,7)	55 (24,9)	75 (34,0)
		20 (1,4)	110 (49,9)	130 (59,0)	220 (99,8)	90 (40,8)	100 (45,4)	130 (59,0)
		30 (2,1)	130 (59,0)	150 (68,0)	250 (113)	170 (77,1)	230 (104)	370 (168)
		50 (3,5)	180 (81,6)	200 (90,7)	300 (136)	200 (90,7)	280 (127)	450 (204)
		75 (5,2)	250 (113)	300 (136)	400 (181)	280 (127)	350 (159)	550 (249)
		100 (6,9)	330 (150)	400 (181)	480 (218)	450 (204)	600 (272)	700 (318)
		150 (10,3)	430 (195)	550 (249)	600 (272)	750 (340)	900 (408)	1100 (499)
		200 (13,8)	600 (272)	700 (318)	850 (386)	800 (363)	950 (431)	1100 (499)
		250 (17,2)	750 (340)	850 (386)	950 (431)	900 (408)	1000 (454)	1100 (499)
		300 (20,7)	900 (408)	1000 (454)	1100 (499)	950 (431)	1100 (499)	1200 (544)
	15 (1,0)	30 (2,1)	130 (59,0)	150 (68,0)	250 (113)	140 (63,5)	200 (90,7)	280 (127)
		40 (2,8)	180 (81,6)	230 (104)	400 (181)	190 (86,2)	280 (127)	400 (181)
		50 (3,5)	230 (104)	300 (136)	480 (218)	240 (109)	350 (159)	600 (272)
		75 (5,2)	300 (136)	400 (181)	650 (295)	350 (159)	540 (245)	1100 (499)
		100 (6,9)	380 (172)	480 (218)	800 (363)	500 (227)	750 (340)	1300 (590)
		150 (10,3)	500 (227)	610 (277)	1000 (454)	750 (340)	1000 (454)	1500 (680)
		200 (13,8)	750 (340)	950 (431)	1200 (544)	1000 (454)	1200 (544)	1600 (726)
		250 (17,2)	900 (408)	1100 (499)	1400 (635)	1200 (544)	1400 (635)	1700 (771)
		300 (20,7)	1100 (499)	1300 (590)	1500 (680)	1300 (590)	1500 (680)	1800 (816)
	30 (2,1)	40 (2,8)	170 (77,1)	300 (136)	500 (227)	230 (104)	310 (141)	550 (249)
		50 (3,5)	230 (104)	450 (204)	700 (318)	400 (181)	500 (227)	750 (340)
		75 (5,2)	300 (136)	600 (272)	900 (408)	750 (340)	1000 (454)	1300 (590)
		100 (6,9)	400 (181)	750 (340)	1200 (544)	1200 (544)	1500 (680)	1800 (816)
		150 (10,3)	600 (272)	1100 (499)	1800 (816)	2200 (998)	2500 (1134)	2700 (1225)
		200 (13,8)	1000 (454)	1600 (726)	1900 (862)	2400 (1089)	2800 (1270)	2900 (1315)
		250 (17,2)	1300 (590)	1800 (816)	2100 (953)	2600 (1179)	2900 (1315)	3000 (1361)
		300 (20,7)	1500 (680)	1900 (862)	2200 (998)	2700 (1225)	3000 (1361)	3100 (1406)

1. Capacities are based in pounds/h (kg/h) of saturated steam.

- continued -

Table 15. *Steam Capacities[1] for NPS 1-1/2 through 2 (DN 40 through 50) Types 95H and 95HD Regulators with Metal Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig/Psi (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
5 to 80 (0,35 to 5,5)	50 (3,4)	60 (4,1)	300 (136)	550 (249)	1000 (454)	330 (150)	600 (272)	1100 (499)
		75 (5,2)	450 (204)	700 (318)	1600 (726)	600 (272)	1000 (454)	1800 (816)
		100 (6,9)	500 (227)	950 (431)	2300 (1043)	1000 (454)	2000 (907)	2800 (1270)
		150 (10,3)	640 (290)	1400 (635)	3100 (1406)	1500 (680)	3400 (1542)	3800 (1724)
		200 (13,8)	1100 (499)	1800 (816)	3200 (1452)	2200 (998)	3800 (1724)	4200 (1905)
		250 (17,2)	1600 (726)	2300 (1043)	3300 (1497)	2800 (1270)	4000 (1814)	4300 (1950)
		300 (20,7)	2000 (907)	2600 (1179)	3400 (1542)	3300 (1497)	4200 (1905)	4500 (2041)
	75 (5,2)	100 (6,9)	700 (318)	1100 (499)	2100 (952)	750 (340)	1400 (635)	2500 (1134)
		125 (8,6)	850 (386)	1500 (680)	2800 (1270)	1000 (454)	2300 (1043)	3300 (1497)
		150 (10,3)	1000 (454)	2000 (907)	3600 (1633)	1300 (590)	3500 (1588)	3800 (1724)
		200 (13,8)	1200 (544)	2500 (1134)	4100 (1860)	2500 (1134)	4500 (2041)	4800 (2177)
		250 (17,2)	1700 (771)	2900 (1315)	4300 (1950)	3500 (1588)	5500 (2495)	5500 (2495)
		300 (20,7)	2200 (998)	3300 (1497)	4400 (1996)	4500 (2041)	6000 (2722)	6000 (2722)
60 to 120 (4,1 to 8,3)	100 (6,9)	125 (8,6)	550 (249)	1500 (680)	2500 (1134)	600 (272)	1500 (680)	2700 (1225)
		150 (10,3)	1100 (499)	1900 (862)	3200 (1452)	1300 (590)	2300 (1043)	3600 (1633)
		175 (12,1)	1300 (590)	2400 (1089)	3800 (1724)	1700 (771)	2600 (1179)	4500 (2041)
		225 (15,5)	1400 (635)	3100 (1406)	4800 (2177)	1400 (635)	3100 (1406)	4800 (2177)
		250 (17,2)	1700 (771)	3500 (1588)	5500 (2495)	2300 (1043)	3500 (1588)	6500 (2948)
		300 (20,7)	2000 (907)	4400 (1996)	6000 (2722)	2800 (1270)	4000 (1814)	7500 (3402)
100 to 140 (6,9 to 9,7)	125 (8,6)	150 (10,3)	1100 (499)	2000 (907)	3200 (1452)	1100 (499)	2000 (907)	3300 (1497)
		175 (12,1)	1300 (590)	2400 (1089)	3700 (1678)	1600 (726)	2500 (1134)	3800 (1724)
		200 (13,8)	1400 (635)	2700 (1225)	4500 (2041)	2000 (907)	3500 (1588)	4500 (2041)
		225 (15,5)	1500 (680)	3000 (1361)	5000 (2268)	2300 (1043)	5000 (2268)	5500 (2495)
		250 (17,2)	1800 (816)	3500 (1588)	5500 (2495)	2800 (1270)	6000 (2722)	6500 (2948)
		300 (20,7)	2100 (953)	4300 (1950)	6500 (2948)	4300 (1950)	7500 (3402)	7500 (3402)
120 to 150 (8,3 to 10,3)	150 (10,3)	175 (12,1)	950 (431)	1600 (726)	2700 (1225)	1000 (454)	1700 (771)	2800 (1270)
		200 (13,8)	1200 (544)	2200 (998)	4000 (1814)	1200 (544)	2300 (1043)	4000 (1814)
		225 (15,5)	1500 (680)	3100 (1406)	5000 (2268)	1500 (680)	3100 (1406)	5000 (2268)
		250 (17,2)	1800 (816)	3500 (1588)	6000 (2722)	2500 (1134)	4800 (2177)	6000 (2722)
		300 (20,7)	2300 (1043)	4500 (2041)	7500 (3402)	4300 (1950)	7000 (3175)	7500 (3402)

1. Capacities are based in pounds/h (kg/h) of saturated steam.

Table 16. *Steam Capacities[1] for NPS 1/4 through 1/2 (DN 15) Type 95HT Regulators with Metal Diaphragm*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	15 (1,0)	30 (2,1)	9 (4,1)	17 (7,7)	26 (11,8)	18 (8,2)	26 (11,8)	42 (19,1)
		40 (2,8)	11 (5,0)	17 (7,7)	30 (13,6)	19 (8,6)	27 (12,2)	45 (20,4)
		50 (3,5)	11 (5,0)	18 (8,2)	36 (16,3)	21 (9,5)	36 (16,3)	51 (23,1)
		75 (5,2)	16 (7,3)	23 (10,4)	39 (17,7)	27 (12,2)	45 (20,4)	54 (24,5)
		100 (6,9)	24 (10,9)	36 (16,3)	60 (27,2)	33 (15,0)	51 (23,1)	78 (35,4)
		150 (10,3)	33 (15,0)	48 (21,8)	72 (32,7)	51 (23,1)	69 (31,3)	93 (42,2)
		200 (13,8)	36 (16,3)	51 (23,1)	84 (38,1)	63 (28,6)	84 (38,1)	110 (49,9)
		250 (17,2)	45 (20,4)	63 (28,6)	87 (39,5)	72 (32,7)	90 (40,8)	110 (49,9)
		300 (20,7)	51 (23,1)	69 (31,3)	87 (39,5)	81 (36,7)	99 (44,9)	120 (54,4)
		400 (27,6)	54 (24,5)	69 (31,3)	87 (39,5)	99 (44,9)	110 (49,9)	130 (59,0)
		500 (34,5)	57 (25,9)	72 (32,7)	90 (40,8)	120 (54,4)	130 (59,0)	140 (63,5)
		600 (41,4)	63 (28,6)	78 (35,4)	96 (43,5)	140 (63,5)	140 (63,5)	150 (68,0)
	30 (2,1)	40 (2,8)	13 (5,9)	23 (10,4)	33 (15,0)	27 (12,2)	45 (20,4)	57 (25,9)
		50 (3,5)	15 (6,8)	27 (12,2)	48 (21,8)	36 (16,3)	48 (21,8)	60 (27,2)
		75 (5,2)	21 (9,5)	36 (16,3)	63 (28,6)	39 (17,7)	63 (28,6)	110 (49,9)
		100 (6,9)	24 (10,9)	51 (23,1)	87 (39,5)	54 (24,5)	78 (35,4)	120 (54,4)
		150 (10,3)	42 (19,1)	75 (34,0)	110 (49,9)	63 (28,6)	96 (43,5)	140 (63,5)
		200 (13,8)	60 (27,2)	90 (40,8)	130 (59,0)	78 (35,4)	110 (49,9)	150 (68,0)

1. Capacities are based in pounds/h (kg/h) of saturated steam.

- continued -

Table 16. *Steam Capacities[1] for NPS 1/4 through 1/2 (DN 15) Type 95HT Regulators with Metal Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	30 (2,1)	250 (17,2)	66 (29,9)	99 (44,9)	130 (59,0)	90 (40,8)	120 (54,4)	170 (77,1)
		300 (20,7)	72 (32,7)	110 (49,9)	130 (59,0)	110 (49,9)	140 (63,5)	180 (81,6)
		400 (27,6)	84 (38,1)	120 (54,4)	130 (59,0)	120 (54,4)	160 (72,6)	190 (86,2)
		500 (34,5)	84 (38,1)	120 (54,4)	130 (59,0)	140 (63,5)	180 (81,6)	190 (86,2)
		600 (41,4)	84 (38,1)	120 (54,4)	130 (59,0)	160 (72,6)	190 (86,2)	210 (95,3)
	75 (5,2)	100 (6,9)	45 (20,4)	75 (34,0)	96 (43,5)	84 (38,1)	150 (68,0)	220 (99,8)
		125 (8,6)	60 (27,2)	96 (43,5)	120 (54,4)	110 (49,9)	170 (77,1)	260 (118)
		150 (10,3)	72 (32,7)	120 (54,4)	140 (63,5)	120 (54,4)	190 (86,2)	300 (136)
		200 (13,8)	99 (44,9)	140 (63,5)	190 (86,2)	150 (68,0)	230 (104)	330 (150)
		250 (17,2)	120 (54,4)	190 (86,2)	230 (104)	160 (72,6)	240 (109)	330 (150)
		300 (20,7)	150 (68,0)	220 (99,8)	250 (113)	170 (77,1)	260 (118)	360 (163)
		400 (27,6)	170 (77,1)	250 (113)	270 (122)	200 (90,7)	280 (127)	390 (177)
		500 (34,5)	200 (90,7)	280 (127)	290 (132)	210 (95,3)	300 (136)	390 (177)
		600 (41,4)	210 (95,3)	280 (127)	290 (132)	240 (109)	330 (150)	420 (191)
	100 (6,9)	125 (8,6)	60 (27,2)	96 (43,5)	120 (54,4)	120 (54,4)	200 (90,7)	270 (122)
		150 (10,3)	93 (42,2)	120 (54,4)	140 (63,5)	150 (68,0)	240 (109)	330 (150)
		175 (12,1)	110 (49,9)	150 (68,0)	170 (77,1)	170 (77,1)	260 (118)	390 (177)
		200 (13,8)	140 (63,5)	170 (77,1)	190 (86,2)	170 (77,1)	280 (127)	420 (191)
		250 (17,2)	150 (68,0)	200 (90,7)	230 (104)	200 (90,7)	300 (136)	450 (204)
		300 (20,7)	180 (81,6)	250 (113)	270 (122)	220 (99,8)	330 (150)	480 (218)
		400 (27,6)	210 (95,3)	300 (136)	330 (150)	230 (104)	360 (163)	510 (231)
		500 (34,5)	230 (104)	330 (150)	360 (163)	260 (118)	390 (177)	510 (231)
		600 (41,4)	230 (104)	360 (163)	360 (163)	270 (122)	420 (191)	540 (245)
80 to 300 (5,5 to 20,7)	125 (8,6)	150 (10,3)	63 (28,6)	84 (38,1)	120 (54,4)	90 (40,8)	160 (72,6)	260 (118)
		175 (12,1)	66 (29,9)	96 (43,5)	140 (63,5)	110 (49,9)	180 (81,6)	290 (132)
		200 (13,8)	84 (38,1)	120 (54,4)	170 (77,1)	120 (54,4)	200 (90,7)	330 (150)
		225 (15,5)	93 (42,2)	130 (59,0)	180 (81,6)	120 (54,4)	200 (90,7)	330 (150)
		250 (17,2)	99 (44,9)	150 (68,0)	200 (90,7)	130 (59,0)	210 (95,3)	360 (163)
		300 (20,7)	110 (49,9)	170 (77,1)	240 (109)	160 (72,6)	250 (113)	420 (191)
		400 (27,6)	160 (72,6)	230 (104)	330 (150)	200 (90,7)	300 (136)	450 (204)
		500 (34,5)	190 (86,2)	290 (132)	390 (177)	240 (109)	360 (163)	540 (245)
		600 (41,4)	210 (95,3)	330 (150)	480 (218)	280 (127)	420 (191)	630 (286)
	200 (13,8)	225 (15,5)	96 (43,5)	140 (63,5)	190 (86,2)	170 (77,1)	280 (127)	450 (204)
		250 (17,2)	110 (49,9)	160 (72,6)	220 (99,8)	170 (77,1)	300 (136)	510 (231)
		300 (20,7)	130 (59,0)	200 (90,7)	260 (118)	200 (90,7)	330 (150)	570 (259)
		350 (24,1)	140 (63,5)	230 (104)	300 (136)	230 (104)	390 (177)	600 (272)
		400 (27,6)	170 (77,1)	260 (118)	360 (163)	260 (118)	420 (191)	660 (299)
		450 (31,0)	190 (86,2)	290 (132)	390 (177)	290 (132)	450 (204)	720 (327)
		500 (34,5)	200 (90,7)	330 (150)	450 (204)	330 (150)	510 (231)	780 (354)
		600 (41,4)	220 (99,8)	390 (177)	540 (245)	330 (150)	570 (259)	900 (408)
	250 (17,2)	275 (19,0)	120 (54,4)	170 (77,1)	230 (104)	230 (104)	360 (163)	570 (259)
		300 (20,7)	130 (59,0)	200 (90,7)	250 (113)	220 (99,8)	390 (177)	600 (272)
		350 (24,1)	150 (68,0)	230 (104)	300 (136)	240 (109)	420 (191)	690 (313)
		400 (27,6)	160 (72,6)	260 (118)	360 (163)	280 (127)	480 (218)	780 (354)
		450 (31,0)	170 (77,1)	290 (132)	390 (177)	290 (132)	510 (231)	840 (381)
		500 (34,5)	190 (86,2)	330 (150)	450 (204)	300 (136)	540 (245)	930 (422)
		550 (37,9)	200 (90,7)	360 (163)	480 (218)	330 (150)	600 (272)	1000 (454)
		600 (41,4)	220 (99,8)	390 (177)	540 (245)	360 (163)	600 (272)	1100 (499)
	300 (20,7)	350 (24,1)	160 (72,6)	230 (104)	230 (104)	270 (122)	480 (218)	720 (327)
		400 (27,6)	170 (77,1)	260 (118)	260 (118)	290 (132)	510 (231)	840 (381)
		450 (31,0)	180 (81,6)	300 (136)	300 (136)	300 (136)	540 (245)	930 (422)
		500 (34,5)	190 (86,2)	330 (150)	330 (150)	330 (150)	570 (259)	1000 (454)
		550 (37,9)	200 (90,7)	360 (163)	360 (163)	330 (150)	600 (272)	1100 (499)
		600 (41,4)	220 (99,8)	390 (177)	390 (177)	360 (163)	630 (286)	1200 (544)

1. Capacities are based in pounds/hour (kg/h) of saturated steam.

- continued -

Table 16. *Steam Capacities[1] for NPS 3/4 through 1 (DN 20 through 25) Type 95HT Regulators with Metal Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	15 (1,0)	30 (2,1)	39 (17,7)	54 (24,5)	87 (39,5)	36 (16,3)	48 (21,8)	75 (34,0)
		40 (2,8)	39 (17,7)	63 (28,6)	87 (39,5)	39 (17,7)	60 (27,2)	90 (40,8)
		50 (3,5)	45 (20,4)	72 (32,7)	100 (45,4)	57 (25,9)	81 (36,7)	110 (49,9)
		75 (5,2)	72 (32,7)	96 (43,5)	140 (63,5)	78 (35,4)	110 (49,9)	160 (72,6)
		100 (6,9)	93 (42,2)	130 (59,0)	180 (81,6)	90 (40,8)	140 (63,5)	210 (95,3)
		150 (10,3)	120 (54,4)	150 (68,0)	230 (104)	140 (63,5)	190 (86,2)	290 (132)
		200 (13,8)	140 (63,5)	190 (86,2)	250 (113)	170 (77,1)	230 (104)	360 (163)
		250 (17,2)	170 (77,1)	210 (95,3)	280 (127)	200 (90,7)	270 (122)	390 (177)
		300 (20,7)	200 (90,7)	240 (109)	300 (136)	230 (104)	300 (136)	420 (191)
		400 (27,6)	250 (113)	290 (132)	360 (163)	270 (122)	360 (163)	510 (231)
		500 (34,5)	300 (136)	330 (150)	390 (177)	330 (150)	420 (191)	600 (272)
		600 (41,4)	360 (163)	390 (177)	450 (204)	360 (163)	480 (218)	660 (299)
	30 (2,1)	40 (2,8)	51 (23,1)	84 (38,1)	140 (63,5)	57 (25,9)	87 (39,5)	140 (63,5)
		50 (3,5)	66 (29,9)	110 (49,9)	170 (77,1)	69 (31,3)	99 (44,9)	170 (77,1)
		75 (5,2)	90 (40,8)	140 (63,5)	220 (99,8)	99 (44,9)	140 (63,5)	250 (113)
		100 (6,9)	120 (54,4)	180 (81,6)	290 (132)	120 (54,4)	180 (81,6)	330 (150)
		150 (10,3)	150 (68,0)	220 (99,8)	360 (163)	190 (86,2)	290 (132)	450 (204)
		200 (13,8)	180 (81,6)	270 (122)	420 (191)	200 (90,7)	330 (150)	540 (245)
		250 (17,2)	220 (99,8)	300 (136)	420 (191)	240 (109)	420 (191)	600 (272)
		300 (20,7)	260 (118)	360 (163)	480 (218)	270 (122)	450 (204)	660 (299)
		400 (27,6)	330 (150)	420 (191)	540 (245)	360 (163)	540 (245)	750 (340)
		500 (34,5)	390 (177)	450 (204)	630 (286)	450 (204)	660 (299)	900 (408)
		600 (41,4)	450 (204)	510 (231)	660 (299)	510 (231)	720 (327)	960 (435)
	75 (5,2)	100 (6,9)	190 (86,2)	330 (150)	450 (204)	190 (86,2)	300 (136)	420 (191)
		125 (8,6)	220 (99,8)	360 (163)	540 (245)	240 (109)	420 (191)	570 (259)
		150 (10,3)	280 (127)	450 (204)	660 (299)	290 (132)	510 (231)	690 (313)
		200 (13,8)	330 (150)	540 (245)	810 (367)	390 (177)	660 (299)	930 (422)
		250 (17,2)	390 (177)	630 (286)	930 (422)	480 (218)	780 (354)	1100 (499)
		300 (20,7)	420 (191)	660 (299)	990 (449)	510 (231)	900 (408)	1300 (590)
		400 (27,6)	510 (231)	750 (340)	1100 (499)	600 (272)	960 (435)	1700 (771)
		500 (34,5)	600 (272)	870 (395)	1200 (544)	720 (327)	1100 (499)	2100 (953)
		600 (41,4)	720 (327)	930 (422)	1300 (590)	750 (340)	1200 (544)	2500 (1134)
	100 (6,9)	125 (8,6)	260 (118)	420 (191)	540 (245)	260 (118)	450 (204)	540 (245)
		150 (10,3)	330 (150)	540 (245)	660 (299)	330 (150)	570 (259)	690 (313)
		175 (12,1)	360 (163)	600 (272)	780 (354)	420 (191)	690 (313)	780 (354)
		200 (13,8)	390 (177)	660 (299)	900 (408)	480 (218)	780 (354)	930 (422)
		250 (17,2)	480 (218)	780 (354)	1100 (499)	600 (272)	990 (449)	1200 (544)
		300 (20,7)	540 (245)	870 (395)	1300 (590)	630 (286)	1100 (499)	1400 (635)
		400 (27,6)	660 (299)	960 (435)	1400 (635)	840 (381)	1400 (635)	1900 (862)
		500 (34,5)	750 (340)	1100 (499)	1600 (726)	1100 (499)	1700 (771)	2300 (1043)
		600 (41,4)	870 (395)	1100 (499)	1700 (771)	1300 (590)	2000 (907)	2900 (1315)
80 to 300 (5,5 to 20,7)	125 (8,6)	150 (10,3)	210 (95,3)	330 (150)	570 (259)	230 (104)	390 (177)	600 (272)
		175 (12,1)	210 (95,3)	390 (177)	630 (286)	230 (104)	390 (177)	690 (313)
		200 (13,8)	290 (132)	450 (204)	720 (327)	260 (118)	450 (204)	750 (340)
		225 (15,5)	300 (136)	480 (218)	810 (367)	290 (132)	480 (218)	870 (395)
		250 (17,2)	360 (163)	570 (259)	870 (395)	300 (136)	540 (245)	960 (435)
		300 (20,7)	390 (177)	600 (272)	990 (449)	360 (163)	690 (313)	1100 (499)
		400 (27,6)	480 (218)	750 (340)	1200 (544)	510 (231)	870 (395)	1400 (635)
		500 (34,5)	540 (245)	900 (408)	1400 (635)	630 (286)	1100 (499)	1800 (816)
		600 (41,4)	600 (272)	1000 (454)	1600 (726)	780 (354)	1300 (590)	2100 (953)
	200 (13,8)	225 (15,5)	330 (150)	600 (272)	900 (408)	360 (163)	630 (286)	930 (422)
		250 (17,2)	420 (191)	720 (327)	1100 (499)	420 (191)	690 (313)	1100 (499)
		300 (20,7)	510 (231)	840 (381)	1300 (590)	540 (245)	930 (422)	1300 (590)
		350 (24,1)	630 (286)	1000 (454)	1500 (680)	600 (272)	1100 (499)	1700 (771)
		400 (27,6)	630 (286)	1100 (499)	1700 (771)	660 (299)	1200 (544)	1800 (816)
		450 (31,0)	750 (340)	1200 (544)	1900 (862)	750 (340)	1400 (635)	2100 (953)
		500 (34,5)	810 (367)	1400 (635)	2000 (907)	810 (367)	1500 (680)	2300 (1043)
		600 (41,4)	900 (408)	1500 (680)	2300 (1043)	900 (408)	1800 (816)	2700 (1225)

1. Capacities are based in pounds/hour (kg/h) of saturated steam.

- continued -

Table 16. *Steam Capacities[1] for NPS 3/4 through 1 (DN 20 through 25) Type 95HT Regulators with Metal Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
80 to 300 (5,5 to 20,7)	250 (17,2)	275 (19,0)	450 (204)	750 (340)	1100 (499)	480 (218)	810 (367)	1100 (499)
		300 (20,7)	540 (245)	900 (408)	1200 (544)	510 (231)	930 (422)	1300 (590)
		350 (24,1)	660 (299)	1100 (499)	1500 (680)	720 (327)	1200 (544)	1500 (680)
		400 (27,6)	660 (299)	1100 (499)	1700 (771)	720 (327)	1300 (590)	1800 (816)
		450 (31,0)	750 (340)	1300 (590)	1800 (816)	840 (381)	1500 (680)	2000 (907)
		500 (34,5)	780 (354)	1300 (590)	2000 (907)	930 (422)	1700 (771)	2300 (1043)
		550 (37,9)	810 (367)	1400 (635)	2200 (998)	1000 (454)	1900 (862)	2600 (1179)
		600 (41,4)	930 (422)	1600 (726)	2400 (1089)	1100 (499)	2000 (907)	2800 (1270)
	300 (20,7)	350 (24,1)	630 (286)	1100 (499)	1400 (635)	660 (299)	1100 (499)	1500 (680)
		400 (27,6)	720 (327)	1200 (544)	1700 (771)	780 (354)	1400 (635)	1700 (771)
		450 (31,0)	810 (367)	1400 (635)	2000 (907)	930 (422)	1700 (771)	2100 (953)
		500 (34,5)	900 (408)	1500 (680)	2300 (1043)	1100 (499)	1900 (862)	2400 (1089)
		550 (37,9)	990 (449)	1700 (771)	2600 (1179)	1200 (544)	2200 (998)	2700 (1225)
		600 (41,4)	1100 (499)	1800 (816)	2900 (1315)	1300 (590)	2400 (1089)	3000 (1361)

1. Capacities are based in pounds/hour (kg/h) of saturated steam.

Table 17. *Steam Capacities[1] for NPS 1-1/2 through 2 (DN 40 through 50) Type 95HT Regulators with Metal Diaphragm*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	15 (1,0)	30 (2,1)	90 (40,8)	140 (63,5)	190 (86,2)	100 (45,4)	150 (68,0)	200 (90,7)
		40 (2,8)	190 (86,2)	250 (113)	350 (159)	200 (90,7)	300 (136)	400 (181)
		50 (3,5)	230 (104)	300 (136)	400 (181)	250 (113)	400 (181)	600 (272)
		75 (5,2)	290 (132)	400 (181)	550 (249)	400 (181)	600 (272)	1000 (454)
		100 (6,9)	350 (159)	480 (218)	700 (318)	500 (227)	780 (354)	1300 (590)
		150 (10,3)	500 (227)	650 (295)	950 (431)	1000 (454)	1300 (590)	1600 (726)
		200 (13,8)	700 (318)	900 (408)	1200 (544)	1600 (726)	1700 (771)	1800 (816)
		250 (17,2)	900 (408)	1100 (499)	1400 (635)	1600 (726)	1700 (771)	1900 (862)
		300 (20,7)	1100 (499)	1300 (590)	1500 (680)	1600 (726)	1700 (771)	1900 (862)
		400 (27,6)	1300 (590)	1400 (635)	1600 (726)	1600 (726)	1700 (771)	1900 (862)
		500 (34,5)	1400 (635)	1500 (680)	1700 (771)	1700 (771)	1800 (816)	1900 (862)
		600 (41,4)	1500 (680)	1600 (726)	1800 (816)	1700 (771)	1800 (816)	2000 (907)
	30 (2,1)	40 (2,8)	220 (99,8)	320 (145)	550 (249)	230 (104)	350 (159)	630 (286)
		50 (3,5)	270 (122)	380 (172)	650 (295)	280 (127)	450 (204)	750 (340)
		75 (5,2)	330 (150)	480 (218)	850 (386)	400 (181)	700 (318)	1300 (590)
		100 (6,9)	400 (181)	600 (272)	1100 (499)	600 (272)	1200 (544)	2000 (907)
		150 (10,3)	600 (272)	950 (431)	1500 (680)	1800 (816)	2200 (998)	2500 (1134)
		200 (13,8)	850 (386)	1400 (635)	1800 (816)	2500 (1134)	2600 (1179)	2800 (1270)
		250 (17,2)	1200 (544)	1800 (816)	2000 (907)	2700 (1225)	2800 (1270)	3000 (1361)
		300 (20,7)	1400 (635)	2000 (907)	2200 (998)	2800 (1270)	2900 (1315)	3100 (1406)
		400 (27,6)	1700 (771)	2100 (953)	2400 (1089)	2800 (1270)	3000 (1361)	3200 (1452)
		500 (34,5)	1900 (862)	2100 (953)	2500 (1134)	2900 (1315)	3100 (1406)	3200 (1452)
		600 (41,4)	2000 (907)	2200 (998)	2600 (1179)	2900 (1315)	3100 (1406)	3300 (1497)
	50 (3,4)	60 (4,1)	330 (150)	550 (249)	1100 (499)	400 (181)	630 (286)	1400 (635)
		75 (5,2)	430 (195)	650 (295)	1400 (635)	850 (386)	1100 (499)	2000 (907)
		100 (6,9)	600 (272)	900 (408)	1800 (816)	1500 (680)	1800 (816)	2500 (1134)
		150 (10,3)	900 (408)	1400 (635)	2400 (1089)	2500 (1134)	2800 (1270)	3500 (1588)
		200 (13,8)	1200 (544)	1900 (862)	2900 (1315)	3200 (1452)	3700 (1678)	4100 (1860)
		250 (17,2)	1500 (680)	2300 (1043)	3100 (1406)	3600 (1633)	4000 (1814)	4400 (1996)
		300 (20,7)	1800 (816)	2500 (1134)	3300 (1497)	3900 (1769)	4300 (1950)	4600 (2087)
		400 (27,6)	2300 (1043)	2900 (1315)	3300 (1497)	4200 (1905)	4500 (2041)	4700 (2132)
		500 (34,5)	2700 (1225)	3100 (1406)	3500 (1588)	4400 (1996)	4600 (2087)	4900 (2223)
		600 (41,4)	3000 (1361)	3400 (1542)	3600 (1633)	4600 (2087)	4800 (2177)	5000 (2268)

1. Capacities are based in pounds/hour (kg/h) of saturated steam.

- continued -

Table 17. *Steam Capacities[1] for NPS 1-1/2 through 2 (DN 40 through 50) Type 95HT Regulators with Metal Diaphragm (continued)*

RECOMMENDED OUTLET/ DIFFERENTIAL PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet/ Differential Setting, Psig (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	100 (6,9)	125 (8,6)	1000 (454)	1600 (726)	3000 (1361)	2000 (907)	2300 (1043)	3500 (1588)
		150 (10,3)	1200 (544)	1900 (862)	3600 (1633)	2500 (1134)	3200 (1452)	4300 (1950)
		200 (13,8)	1500 (680)	2800 (1270)	4600 (2087)	4100 (1860)	4900 (2223)	5400 (2449)
		250 (17,2)	1900 (862)	3300 (1497)	4800 (2177)	4900 (2223)	5500 (2495)	6100 (2767)
		300 (20,7)	2400 (1089)	3800 (1724)	4900 (2223)	5400 (2449)	5900 (2676)	6400 (2903)
		400 (27,6)	3300 (1497)	4300 (1950)	5000 (2268)	5900 (2676)	6300 (2858)	6700 (3039)
		500 (34,5)	3800 (1724)	4800 (2177)	5100 (2313)	6400 (2903)	6500 (2948)	6800 (3084)
		600 (41,4)	4100 (1860)	5200 (2359)	5300 (2404)	6700 (3039)	6800 (3084)	6900 (3130)
60 to 260 (4,1 to 17,9)	100 (6,9)	125 (8,6)	800 (363)	1300 (590)	2500 (1134)	850 (386)	1300 (590)	3000 (1361)
		150 (10,3)	900 (408)	1500 (680)	2800 (1270)	900 (408)	1500 (680)	3500 (1588)
		175 (12,1)	1000 (454)	1700 (771)	3200 (1452)	1000 (454)	1700 (771)	4000 (1814)
		225 (15,5)	1100 (499)	1900 (862)	3600 (1633)	1100 (499)	2000 (907)	4800 (2177)
		250 (17,2)	1500 (680)	2100 (953)	4000 (1814)	1600 (726)	2500 (1134)	5600 (2540)
		300 (20,7)	1800 (816)	2600 (1179)	4800 (2177)	2500 (1134)	3800 (1724)	6800 (3084)
		400 (27,6)	2100 (953)	3600 (1633)	6000 (2722)	4800 (2177)	6800 (3084)	8300 (3765)
		500 (34,5)	2400 (1089)	4300 (1950)	6500 (2948)	5500 (2495)	8000 (3629)	9300 (4218)
		600 (41,4)	2600 (1179)	4800 (2177)	7000 (3175)	6300 (2858)	8500 (3856)	9800 (4445)
	200 (13,8)	225 (15,5)	1300 (590)	2500 (1134)	4600 (2087)	1400 (635)	2600 (1179)	5300 (2404)
		250 (17,2)	1400 (635)	2700 (1225)	4900 (2223)	1500 (680)	2800 (1270)	5000 (2268)
		300 (20,7)	2000 (907)	3600 (1633)	6400 (2903)	2100 (953)	4000 (1814)	7100 (3221)
		350 (24,1)	2300 (1043)	4100 (1860)	7000 (3175)	2700 (1225)	4900 (2223)	8000 (3629)
		400 (27,6)	2700 (1225)	5000 (2268)	8300 (3765)	3800 (1724)	8300 (3765)	9800 (4445)
		450 (31,0)	3100 (1406)	5500 (2495)	9000 (4082)	4000 (1814)	8000 (3629)	10 000 (4536)
		500 (34,5)	3600 (1633)	6000 (2722)	9500 (4309)	5000 (2268)	8500 (3856)	10 800 (4899)
		600 (41,4)	4500 (2041)	6500 (2948)	10 000 (4536)	6300 (2858)	9000 (4082)	11 500 (5216)
	250 (17,2)	275 (19,0)	1500 (680)	3000 (1361)	5100 (2313)	1500 (680)	3000 (1361)	5200 (2359)
		300 (20,7)	2300 (1043)	4000 (1814)	6500 (2948)	2000 (907)	4000 (1814)	6300 (2858)
		350 (24,1)	2800 (1270)	5100 (2313)	7700 (3493)	2900 (1315)	5400 (2449)	8400 (3810)
		400 (27,6)	3200 (1452)	5500 (2495)	8500 (3856)	3700 (1678)	7000 (3175)	9700 (4400)
		450 (31,0)	3600 (1633)	6000 (2722)	9000 (4082)	4200 (1905)	7800 (3538)	11 000 (4990)
		500 (34,5)	3700 (1678)	6500 (2948)	9500 (4309)	4700 (2132)	8400 (3810)	11 000 (4990)
		550 (37,9)	4100 (1860)	6900 (3130)	9900 (4491)	5100 (2313)	8800 (3992)	12 000 (5443)
		600 (41,4)	4200 (1905)	7300 (3311)	10 000 (4536)	5500 (2495)	9100 (4128)	12 000 (5443)

1. Capacities are based in pounds/hour (kg/h) of saturated steam.

Table 18. *Water Capacities[1] in GPM (l/min) for NPS 1/4 through 1 (DN 25) Types 95L and 95LD Regulators with Elastomer Diaphragm*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)							
	Outlet Setting, Psig/Psi (bar)	Inlet	1/4		1/2 (15)		3/4 (20)		1 (25)	
			Droop		Droop		Droop		Droop	
		Psig (bar)	10%	20%	10%	20%	10%	20%	10%	20%
2 to 6 (0,14 to 0,41)	5 (0,35)	10 (0,69)	1.0 (3,8)	1.8 (6,8)	2.0 (7,6)	3.3 (12,5)	5.0 (18,9)	7.0 (26,5)	5.8 (22,0)	8.3 (31,4)
		20 (1,4)	2.0 (7,6)	3.0 (11,4)	2.8 (10,6)	4.0 (15,1)	7.5 (28,4)	11 (41,6)	9.2 (34,8)	13 (49,2)
		30 (2,1)	2.3 (8,7)	3.3 (12,5)	3.3 (12,5)	4.7 (17,8)	10 (37,8)	13 (49,2)	12 (45,4)	16 (60,6)
		50 (3,5)	2.7 (10,2)	3.5 (13,2)	3.7 (14,0)	4.8 (18,2)	11 (41,6)	17 (64,3)	13 (49,2)	20 (75,7)
		75 (5,2)	2.7 (10,2)	3.5 (13,2)	3.7 (14,0)	4.8 (18,2)	11 (41,6)	20 (75,7)	13 (49,2)	23 (87,1)
		100 (6,9)	2.7 (10,2)	3.5 (13,2)	3.7 (14,0)	4.8 (18,2)	11 (41,6)	22 (83,3)	13 (49,2)	27 (102)
		150 (10,3)	2.7 (10,2)	3.5 (13,2)	3.7 (14,0)	4.8 (18,2)	11 (41,6)	22 (83,3)	13 (49,2)	27 (102)
		200 (13,8)	2.7 (10,2)	3.5 (13,2)	3.7 (14,0)	4.8 (18,2)	11 (41,6)	22 (83,3)	13 (49,2)	27 (102)
		250 (17,2)	2.7 (10,2)	3.5 (13,2)	3.7 (14,0)	4.8 (18,2)	11 (41,6)	22 (83,3)	13 (49,2)	27 (102)
5 to 15 (0,35 to 1,0)	10 (0,69)	20 (1,4)	1.8 (6,8)	2.7 (10,2)	3.7 (14,0)	5.0 (18,9)	7.0 (26,5)	10 (37,8)	8.3 (31,4)	12 (45,4)
		30 (2,1)	2.5 (9,5)	3.5 (13,2)	4.0 (15,1)	5.2 (19,7)	10 (37,8)	13 (49,2)	12 (45,4)	16 (60,6)
		50 (3,5)	3.0 (11,4)	3.8 (14,4)	4.2 (15,9)	5.3 (20,1)	12 (45,4)	17 (64,3)	14 (53,0)	20 (75,7)
		75 (5,2)	3.0 (11,4)	3.8 (14,4)	4.2 (15,9)	5.3 (20,1)	12 (45,4)	20 (75,7)	14 (53,0)	25 (94,6)
		100 (6,9)	3.0 (11,4)	3.8 (14,4)	4.2 (15,9)	5.3 (20,1)	12 (45,4)	22 (83,3)	14 (53,0)	27 (102)
		150 (10,3)	3.0 (11,4)	3.8 (14,4)	4.2 (15,9)	5.3 (20,1)	12 (45,4)	22 (83,3)	14 (53,0)	27 (102)
		200 (13,8)	3.0 (11,4)	3.8 (14,4)	4.2 (15,9)	5.3 (20,1)	12 (45,4)	22 (83,3)	14 (53,0)	27 (102)
		250 (17,2)	3.0 (11,4)	3.8 (14,4)	4.2 (15,9)	5.3 (20,1)	12 (45,4)	22 (83,3)	14 (53,0)	27 (102)

1. To obtain capacities for regulators with metal diaphragms, multiply the table values by 0.8.

- continued -

Table 18. *Water Capacities[1] in GPM (l/min) for NPS 1/4 through 1 (DN 25) Types 95L and 95LD Regulators with Elastomer Diaphragm (continued)*

RECOMMENDED OUTLET/ DIFFERENTIAL PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)							
	Outlet/ Differential Setting, Psig/Psi (bar)	Inlet	1/4		1/2 (15)		3/4 (20)		1 (25)	
			Droop		Droop		Droop		Droop	
		Psig (bar)	10%	20%	10%	20%	10%	20%	10%	20%
5 to 15 (0,35 to 1,0)	15 (1,0)	20 (1,4)	1.8 (6,8)	2.2 (8,3)	3.5 (13,2)	5.0 (18,9)	7.0 (26,5)	8.5 (32,2)	8.3 (31,4)	10 (37,8)
		30 (2,1)	2.7 (10,2)	3.3 (12,5)	4.7 (17,8)	5.8 (22,0)	11 (41,6)	13 (49,2)	13 (49,2)	15 (56,8)
		50 (3,5)	3.5 (13,2)	4.3 (16,3)	4.8 (18,2)	6.2 (23,5)	15 (56,8)	17 (64,3)	18 (68,1)	20 (75,7)
		75 (5,2)	3.7 (14,0)	4.5 (17,0)	5.0 (18,9)	6.3 (23,8)	15 (56,8)	22 (83,3)	18 (68,1)	27 (102)
		100 (6,9)	3.7 (14,0)	4.5 (17,0)	5.0 (18,9)	6.3 (23,8)	15 (56,8)	28 (106)	18 (68,1)	33 (125)
		150 (10,3)	3.7 (14,0)	4.5 (17,0)	5.0 (18,9)	6.3 (23,8)	15 (56,8)	32 (121)	18 (68,1)	37 (140)
		200 (13,8)	3.7 (14,0)	4.5 (17,0)	5.0 (18,9)	6.3 (23,8)	15 (56,8)	35 (132)	18 (68,1)	42 (159)
		250 (17,2)	3.7 (14,0)	4.5 (17,0)	5.0 (18,9)	6.3 (23,8)	17 (64,3)	35 (132)	20 (75,7)	42 (159)
13 to 30 (0,90 to 2,1)	20 (1,4)	30 (2,1)	2.0 (7,6)	2.9 (11,0)	4.3 (16,3)	5.8 (22,0)	10 (37,8)	11 (41,6)	12 (45,4)	13 (49,2)
		40 (2,8)	2.7 (10,2)	3.8 (14,4)	5.2 (19,7)	6.7 (25,4)	13 (49,2)	13 (49,2)	15 (56,8)	16 (60,6)
		50 (3,5)	3.3 (12,5)	4.7 (17,8)	5.5 (20,8)	7.2 (27,3)	14 (53,0)	17 (64,3)	17 (64,3)	20 (75,7)
		75 (5,2)	3.8 (14,4)	5.0 (18,9)	5.5 (20,8)	7.2 (27,3)	18 (68,1)	20 (75,7)	22 (83,3)	25 (94,6)
		100 (6,9)	3.8 (14,4)	5.0 (18,9)	5.5 (20,8)	7.2 (27,3)	22 (83,3)	27 (102)	25 (94,6)	32 (121)
		150 (10,3)	3.8 (14,4)	5.0 (18,9)	5.5 (20,8)	7.2 (27,3)	23 (87,1)	32 (121)	27 (102)	38 (144)
		200 (13,8)	3.8 (14,4)	5.0 (18,9)	5.5 (20,8)	7.2 (27,3)	23 (87,1)	37 (140)	27 (102)	43 (163)
		250 (17,2)	3.8 (14,4)	5.0 (18,9)	5.5 (20,8)	7.2 (27,3)	25 (94,6)	38 (144)	30 (114)	45 (170)
	25 (1,7)	40 (2,8)	2.6 (9,8)	3.5 (13,2)	5.2 (19,7)	7.5 (28,4)	13 (49,2)	13 (49,2)	15 (56,8)	16 (60,6)
		50 (3,5)	3.3 (12,5)	4.3 (16,3)	5.8 (22,0)	7.8 (29,5)	14 (53,0)	16 (60,6)	17 (64,3)	19 (71,9)
		75 (5,2)	3.7 (14,0)	5.8 (22,0)	5.8 (22,0)	8.0 (30,3)	22 (83,3)	22 (83,3)	25 (94,6)	27 (102)
		100 (6,9)	4.2 (15,9)	5.8 (22,0)	5.8 (22,0)	8.0 (30,3)	23 (87,1)	27 (102)	28 (106)	32 (121)
		150 (10,3)	4.2 (15,9)	5.8 (22,0)	5.8 (22,0)	8.0 (30,3)	28 (106)	32 (121)	33 (125)	38 (144)
		200 (13,8)	4.2 (15,9)	5.8 (22,0)	5.8 (22,0)	8.0 (30,3)	33 (125)	38 (144)	40 (151)	45 (170)
		250 (17,2)	4.2 (15,9)	5.8 (22,0)	5.8 (22,0)	8.0 (30,3)	35 (132)	41 (155)	42 (159)	48 (182)
	30 (2,1)	40 (2,8)	2.3 (8,7)	3.0 (11,4)	5.3 (20,1)	7.3 (27,6)	10 (37,8)	12 (45,4)	12 (45,4)	14 (53,0)
		50 (3,5)	3.2 (12,1)	4.0 (15,1)	6.5 (24,6)	8.3 (31,4)	13 (49,2)	15 (56,8)	16 (60,6)	18 (68,1)
		75 (5,2)	4.3 (16,3)	5.7 (21,6)	6.7 (25,4)	9.2 (34,8)	20 (75,7)	22 (83,3)	23 (87,1)	25 (94,6)
		100 (6,9)	4.8 (18,2)	6.3 (23,8)	6.7 (25,4)	9.2 (34,8)	24 (90,8)	27 (102)	28 (106)	32 (121)
		150 (10,3)	4.8 (18,2)	6.3 (23,8)	6.7 (25,4)	9.2 (34,8)	32 (121)	33 (125)	37 (140)	40 (151)
		200 (13,8)	4.8 (18,2)	6.3 (23,8)	6.7 (25,4)	9.2 (34,8)	37 (140)	40 (151)	43 (163)	47 (178)
		250 (17,2)	4.8 (18,2)	6.3 (23,8)	6.7 (25,4)	9.2 (34,8)	40 (151)	43 (163)	47 (178)	50 (189)

1. To obtain capacities for regulators with metal diaphragms, multiply the table values by 0.8.

Table 19. *Water Capacities[1] in GPM (l/min) or NPS 1/4 through 1/2 (DN 15) Types 95H and 95HD Regulators with Elastomer Diaphragm*

RECOMMENDED OUTLET/ DIFFERENTIAL PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet/ Differential Setting, Psig/Psi (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 30 (1,0 to 2,1)	15 (1,0)	30 (2,1)	1.0 (3,8)	1.8 (6,8)	3.2 (12,1)	2.0 (7,57)	3.2 (12,1)	6.8 (25,7)
		40 (2,8)	1.5 (5,7)	2.0 (7,6)	3.6 (13,6)	3.0 (11,4)	5.0 (18,9)	7.0 (26,5)
		50 (3,5)	2.0 (7,6)	2.2 (8,3)	3.8 (14,4)	4.0 (15,1)	5.5 (20,8)	7.2 (27,3)
		75 (5,2)	3.0 (11,4)	4.2 (15,9)	5.2 (19,7)	5.0 (18,9)	6.5 (24,6)	7.4 (28,0)
		100 (6,9)	3.2 (12,1)	4.2 (15,9)	5.2 (19,7)	5.0 (18,9)	6.5 (24,6)	7.6 (28,8)
		150 (10,3)	3.2 (12,1)	4.2 (15,9)	5.2 (19,7)	5.0 (18,9)	6.5 (24,6)	7.8 (29,5)
		200 (13,8)	3.2 (12,1)	4.2 (15,9)	5.2 (19,7)	5.1 (19,3)	6.5 (24,6)	8.0 (30,3)
		250 (17,2)	3.2 (12,1)	4.2 (15,9)	5.5 (20,8)	5.1 (19,3)	6.6 (25,0)	8.5 (32,2)
		300 (20,7)	3.2 (12,1)	4.2 (15,9)	5.5 (20,8)	5.2 (19,7)	6.6 (25,0)	9.0 (34,1)
	30 (2,1)	40 (2,8)	1.0 (3,8)	1.8 (6,8)	2.5 (9,5)	2.8 (10,6)	4.9 (18,5)	9.5 (36,0)
		50 (3,5)	1.2 (4,5)	2.0 (7,6)	2.8 (10,6)	3.5 (13,2)	5.7 (21,6)	10 (37,8)
		75 (5,2)	2.5 (9,5)	3.3 (12,5)	4.7 (17,8)	4.0 (15,1)	5.9 (22,3)	13 (49,2)
		100 (6,9)	3.5 (13,2)	3.8 (14,4)	7.0 (26,5)	5.0 (18,9)	6.1 (23,1)	14 (53,0)
		150 (10,3)	4.0 (15,1)	4.2 (15,9)	9.0 (34,1)	6.0 (22,7)	6.5 (24,6)	14 (53,0)
		200 (13,8)	4.0 (15,1)	5.0 (18,9)	10 (37,8)	6.5 (24,6)	6.9 (26,1)	14 (53,0)
		250 (17,2)	4.0 (15,1)	5.0 (18,9)	11 (41,6)	6.5 (24,6)	7.0 (26,5)	14 (53,0)
		300 (20,7)	4.0 (15,1)	5.0 (18,9)	12 (45,4)	7.0 (26,5)	7.5 (28,4)	14 (53,0)

1. To obtain capacities for regulators with metal diaphragms, multiply the table values by 0.6.

- continued -

Table 19. *Water Capacities[1] in GPM (l/min) for NPS 1/4 through 1/2 (DN 15) Types 95H and 95HD Regulators with Elastomer Diaphragm (continued)*

RECOMMENDED OUTLET/ DIFFERENTIAL PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet/ Differential Setting, Psig/Psi (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
25 to 75 (1,7 to 5,2)	50 (3,4)	60 (4,1)	2.0 (7,6)	3.0 (11,4)	3.5 (13,2)	4.0 (15,1)	6.5 (24,6)	12 (45,4)
		75 (5,2)	3.0 (11,4)	3.5 (13,2)	4.0 (15,1)	5.0 (18,9)	8.6 (32,6)	12 (45,4)
		100 (6,9)	3.2 (12,1)	3.8 (14,4)	4.5 (17,0)	5.5 (20,8)	9.0 (34,1)	13 (49,2)
		150 (10,3)	4.0 (15,1)	5.0 (18,9)	8.5 (32,2)	6.0 (22,7)	9.5 (36,0)	13 (49,2)
		200 (13,8)	4.8 (18,2)	6.0 (22,7)	9.2 (34,8)	6.5 (24,6)	10 (37,8)	14 (53,0)
		250 (17,2)	5.0 (18,9)	7.0 (26,5)	11 (41,6)	7.0 (26,5)	11 (41,6)	14 (53,0)
		300 (20,7)	5.0 (18,9)	8.0 (30,3)	12 (45,4)	7.3 (27,6)	11 (41,6)	15 (56,8)
	75 (5,2)	100 (6,9)	2.0 (7,6)	4.0 (15,1)	6.5 (24,6)	9.5 (36,0)	12 (45,4)	15 (56,8)
		125 (8,6)	2.5 (9,5)	4.2 (15,9)	7.5 (28,4)	10 (37,8)	14 (53,0)	18 (68,1)
		150 (10,3)	3.5 (13,2)	5.5 (20,8)	8.5 (32,2)	11 (41,6)	15 (56,8)	21 (79,5)
		200 (13,8)	4.3 (16,3)	6.7 (25,4)	9.1 (34,4)	11 (41,6)	15 (56,8)	23 (87,1)
		250 (17,2)	6.5 (24,6)	10 (37,8)	12 (45,4)	11 (41,6)	15 (56,8)	23 (87,1)
		300 (20,7)	6.5 (24,6)	11 (41,6)	13 (49,2)	11 (41,6)	15 (56,8)	23 (87,1)
70 to 150 (4,8 to 10,3)	100 (6,9)	125 (8,6)	2.5 (9,5)	4.0 (15,1)	5.8 (22,0)	7.0 (26,5)	11 (41,6)	16 (60,6)
		150 (10,3)	2.7 (10,2)	4.0 (15,1)	6.7 (25,4)	8.0 (30,3)	14 (53,0)	19 (71,9)
		175 (12,1)	2.8 (10,6)	4.2 (15,9)	7.2 (27,3)	9.0 (34,1)	15 (56,8)	21 (79,5)
		200 (13,8)	3.0 (11,4)	5.1 (19,3)	8.5 (32,2)	9.5 (36,0)	15 (56,8)	23 (87,1)
		250 (17,2)	3.5 (13,2)	5.5 (20,8)	9.6 (36,3)	10 (37,8)	16 (60,6)	24 (90,8)
		300 (20,7)	4.4 (16,7)	6.6 (25,0)	10 (37,8)	11 (41,6)	16 (60,6)	24 (90,8)
	125 (8,6)	125 (8,6)	2.0 (7,6)	3.3 (12,5)	6.0 (22,7)	7.8 (29,5)	12 (45,4)	18 (68,1)
		150 (10,3)	2.1 (8,0)	3.6 (13,6)	6.8 (25,7)	9.0 (34,1)	15 (56,8)	20 (75,7)
		175 (12,1)	2.2 (8,3)	4.5 (17,0)	8.5 (32,2)	9.5 (36,0)	16 (60,6)	23 (87,1)
		200 (13,8)	3.6 (13,6)	6.0 (22,7)	9.3 (35,2)	10 (37,8)	18 (68,1)	25 (94,6)
		250 (17,2)	3.7 (14,0)	7.0 (26,5)	9.9 (37,5)	11 (41,6)	18 (68,1)	26 (98,4)
		300 (20,7)	4.0 (15,1)	8.2 (31,0)	11 (41,6)	12 (45,4)	18 (68,1)	28 (106)
	150 (10,3)	175 (12,1)	2.5 (9,5)	3.9 (14,8)	6.5 (24,6)	8.7 (32,9)	14 (53,0)	19 (71,9)
		200 (13,8)	2.6 (9,8)	4.2 (15,9)	7.2 (27,3)	10 (37,8)	17 (64,3)	22 (83,3)
		225 (15,5)	3.0 (11,4)	5.0 (18,9)	9.0 (34,1)	12 (45,4)	19 (71,9)	24 (90,8)
		250 (17,2)	3.5 (13,2)	5.7 (21,6)	9.9 (37,5)	13 (49,2)	20 (75,7)	26 (98,4)
		300 (20,7)	4.0 (15,1)	7.0 (26,5)	11 (41,6)	13 (49,2)	20 (75,7)	28 (106)

1. To obtain capacities for regulators with metal diaphragms, multiply the table values by 0.6.

Table 19. *Water Capacities[1] in GPM (l/min) for NPS 3/4 through 1 (DN 20 through 25) Types 95H and 95HD Regulators with Elastomer Diaphragm (continued)*

RECOMMENDED OUTLET/ DIFFERENTIAL PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet/ Differential Setting, Psig/Psi (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 30 (1,0 to 2,1)	15 (1,0)	30 (2,1)	7.0 (26,5)	10 (37,8)	15 (56,8)	8.0 (30,3)	11 (41,6)	16 (60,6)
		40 (2,8)	8.0 (30,3)	12 (45,4)	18 (68,1)	8.0 (30,3)	13 (49,2)	20 (75,7)
		50 (3,5)	9.0 (34,1)	14 (53,0)	20 (75,7)	8.5 (32,2)	15 (56,8)	23 (87,1)
		75 (5,2)	12 (45,4)	18 (68,1)	26 (98,4)	13 (49,2)	21 (79,5)	29 (110)
		100 (6,9)	13 (49,2)	19 (71,9)	28 (106)	19 (71,9)	26 (98,4)	34 (129)
		150 (10,3)	15 (56,8)	22 (83,3)	31 (117)	25 (94,6)	36 (136)	42 (159)
		200 (13,8)	19 (71,9)	25 (94,6)	35 (132)	32 (121)	37 (140)	44 (167)
		250 (17,2)	20 (75,7)	27 (102)	37 (140)	33 (125)	37 (140)	46 (174)
		300 (20,7)	20 (75,7)	28 (106)	40 (151)	34 (129)	38 (144)	48 (182)

1. To obtain capacities for regulators with metal diaphragms, multiply the table values by 0.6.

- continued -

Table 19. *Water Capacities[1] in GPM (l/min) for NPS 3/4 through 1 (DN 20 through 25) Types 95H and 95HD Regulators with Elastomer Diaphragm (continued)*

RECOMMENDED OUTLET/ DIFFERENTIAL PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet/ Differential Setting, Psig/Psi (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 30 (1,0 to 2,1)	30 (2,1)	40 (2,8)	9.0 (34,1)	13 (49,2)	17 (64,3)	8.5 (32,2)	14 (53,0)	17 (64,3)
		50 (3,5)	11 (41,6)	16 (60,6)	21 (79,5)	11 (41,6)	18 (68,1)	22 (83,3)
		75 (5,2)	15 (56,8)	21 (79,5)	28 (106)	16 (60,6)	25 (94,6)	29 (110)
		100 (6,9)	17 (64,3)	24 (90,8)	33 (125)	19 (71,9)	31 (117)	34 (129)
		150 (10,3)	21 (79,5)	30 (114)	40 (151)	30 (114)	39 (148)	42 (159)
		200 (13,8)	24 (90,8)	31 (117)	46 (174)	35 (132)	48 (182)	49 (185)
		250 (17,2)	25 (94,6)	35 (132)	49 (185)	36 (136)	53 (201)	55 (208)
		300 (20,7)	26 (98,4)	36 (136)	53 (201)	37 (140)	54 (204)	60 (227)
25 to 75 (1,7 to 5,2)	50 (3,4)	60 (4,1)	9.0 (34,1)	14 (53,0)	20 (75,7)	12 (45,4)	17 (64,3)	23 (87,1)
		75 (5,2)	12 (45,4)	20 (75,7)	25 (94,6)	14 (53,0)	21 (79,5)	27 (102)
		100 (6,9)	15 (56,8)	24 (90,8)	31 (117)	16 (60,6)	26 (98,4)	34 (129)
		150 (10,3)	23 (87,1)	32 (121)	40 (151)	20 (75,7)	36 (136)	42 (159)
		200 (13,8)	24 (90,8)	34 (129)	47 (178)	30 (114)	42 (159)	49 (185)
		250 (17,2)	26 (98,4)	39 (148)	51 (193)	33 (125)	49 (185)	55 (208)
		300 (20,7)	25 (94,6)	40 (151)	55 (208)	40 (151)	55 (208)	60 (227)
	75 (5,2)	100 (6,9)	16 (60,6)	23 (87,1)	28 (106)	16 (60,6)	24 (90,8)	30 (114)
		125 (8,6)	20 (75,7)	29 (110)	33 (125)	21 (79,5)	31 (117)	36 (136)
		150 (10,3)	23 (87,1)	33 (125)	39 (148)	24 (90,8)	37 (140)	42 (159)
		200 (13,8)	28 (106)	41 (155)	47 (178)	29 (110)	46 (174)	49 (185)
		250 (17,2)	32 (121)	43 (163)	52 (197)	37 (140)	50 (189)	55 (208)
		300 (20,7)	33 (125)	49 (185)	56 (212)	39 (148)	56 (212)	60 (227)
70 to 150 (4,8 to 10,3)	100 (6,9)	125 (8,6)	15 (56,8)	24 (90,8)	30 (114)	16 (60,6)	24 (90,8)	32 (121)
		150 (10,3)	17 (64,3)	27 (102)	35 (132)	21 (79,5)	30 (114)	38 (144)
		175 (12,1)	24 (90,8)	28 (106)	40 (151)	24 (90,8)	33 (125)	43 (163)
		200 (13,8)	25 (94,6)	37 (140)	45 (170)	27 (102)	41 (155)	48 (182)
		250 (17,2)	29 (110)	42 (159)	52 (197)	30 (114)	42 (159)	54 (204)
		300 (20,7)	33 (125)	48 (182)	57 (216)	36 (136)	43 (163)	58 (220)
	125 (8,6)	125 (8,6)	19 (71,9)	25 (94,6)	32 (121)	17 (64,3)	27 (102)	35 (132)
		150 (10,3)	23 (87,1)	32 (121)	37 (140)	22 (83,3)	33 (125)	40 (151)
		175 (12,1)	27 (102)	36 (136)	42 (159)	24 (90,8)	35 (132)	47 (178)
		200 (13,8)	32 (121)	40 (151)	47 (178)	29 (110)	38 (144)	49 (185)
		250 (17,2)	34 (129)	44 (167)	51 (193)	32 (121)	42 (159)	53 (201)
		300 (20,7)	36 (136)	47 (178)	57 (216)	38 (144)	44 (167)	59 (223)
	150 (10,3)	175 (12,1)	21 (79,5)	28 (106)	34 (129)	20 (75,7)	26 (98,4)	37 (140)
		200 (13,8)	24 (90,8)	33 (125)	40 (151)	24 (90,8)	34 (129)	42 (159)
		225 (15,5)	29 (110)	37 (140)	45 (170)	29 (110)	39 (148)	48 (182)
		250 (17,2)	30 (114)	41 (155)	50 (189)	34 (129)	45 (170)	52 (197)
		300 (20,7)	35 (132)	49 (185)	55 (208)	41 (155)	53 (201)	59 (223)

1. To obtain capacities for regulators with metal diaphragms, multiply the table values by 0.6.

Table 20. *Water Capacities in GPM (l/min) for NPS 1-1/2 through 2 (DN 40 through 50) Types 95H and 95HD Regulators with Either Elastomer or Stainless Steel Diaphragm*

RECOMMENDED OUTLET/ DIFFERENTIAL PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet/ Differential Setting, Psig/Psi (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
5 to 80 (0,35 to 5,5)	5 (0,35)	10 (0,69)	4.8 (18,2)	5.2 (19,7)	7.4 (28,0)	4.8 (18,2)	5.2 (19,7)	7.6 (28,8)
		20 (1,4)	6.2 (23,5)	7.0 (26,5)	8.5 (32,2)	6.5 (24,6)	7.1 (26,9)	10 (37,8)
		30 (2,1)	7.5 (28,4)	8.3 (31,4)	9.5 (36,0)	8.0 (30,3)	9.0 (34,1)	12 (45,4)
		50 (3,5)	9.5 (36,0)	10 (37,8)	12 (45,4)	10 (37,8)	12 (45,4)	15 (56,8)
		75 (5,2)	12 (45,4)	13 (49,2)	15 (56,8)	12 (45,4)	14 (53,0)	16 (60,6)
		100 (6,9)	14 (53,0)	15 (56,8)	17 (64,3)	14 (53,0)	15 (56,8)	18 (68,1)
		150 (10,3)	16 (60,6)	18 (68,1)	20 (75,7)	17 (64,3)	20 (75,7)	22 (83,3)
		200 (13,8)	18 (68,1)	20 (75,7)	23 (87,1)	18 (68,1)	21 (79,5)	23 (87,1)
		250 (17,2)	19 (71,9)	22 (83,3)	25 (94,6)	25 (94,6)	27 (102)	30 (114)
		300 (20,7)	20 (75,7)	24 (90,8)	28 (106)	33 (125)	40 (151)	45 (170)

- continued -

Table 20. *Water Capacities in GPM (l/min) for NPS 1-1/2 through 2 (DN 40 through 50) Types 95H and 95HD Regulators with Either Elastomer or Stainless Steel Diaphragm (continued)*

RECOMMENDED OUTLET/ DIFFERENTIAL PRESSURE RANGE, PSIG/PSI (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet/ Differential Setting, Psig/Psi (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
5 to 80 (0,35 to 5,5)	15 (1,0)	30 (2,1)	8.0 (30,3)	9.0 (34,1)	11 (41,6)	7.0 (26,5)	10 (37,8)	14 (53,0)
		40 (2,8)	10 (37,8)	11 (41,6)	14 (53,0)	9.5 (36,0)	13 (49,2)	17 (64,3)
		50 (3,5)	12 (45,4)	13 (49,2)	18 (68,1)	11 (41,6)	15 (56,8)	20 (75,7)
		75 (5,2)	14 (53,0)	18 (68,1)	25 (94,6)	15 (56,8)	19 (71,9)	26 (98,4)
		100 (6,9)	17 (64,3)	21 (79,5)	32 (121)	18 (68,1)	22 (83,3)	32 (121)
		150 (10,3)	21 (79,5)	27 (102)	43 (163)	21 (79,5)	28 (106)	40 (151)
		200 (13,8)	23 (87,1)	32 (121)	52 (197)	24 (90,8)	31 (117)	43 (163)
		250 (17,2)	24 (90,8)	34 (129)	54 (204)	27 (102)	40 (151)	50 (189)
		300 (20,7)	25 (94,6)	35 (132)	55 (208)	32 (121)	50 (189)	65 (246)
	30 (2,1)	40 (2,8)	13 (49,2)	18 (68,1)	27 (102)	13 (49,2)	18 (68,1)	27 (102)
		50 (3,5)	15 (56,8)	21 (79,5)	30 (114)	14 (53,0)	20 (75,7)	30 (114)
		75 (5,2)	18 (68,1)	26 (98,4)	40 (151)	18 (68,1)	25 (94,6)	39 (148)
		100 (6,9)	21 (79,5)	30 (114)	49 (185)	22 (83,3)	30 (114)	48 (182)
		150 (10,3)	24 (90,8)	36 (136)	64 (242)	26 (98,4)	36 (136)	63 (238)
		200 (13,8)	27 (102)	41 (155)	80 (303)	30 (114)	41 (155)	77 (291)
		250 (17,2)	30 (114)	47 (178)	110 (416)	31 (117)	45 (170)	90 (341)
		300 (20,7)	33 (125)	55 (208)	130 (492)	32 (121)	52 (197)	110 (416)
	50 (3,4)	60 (4,1)	17 (64,3)	29 (110)	51 (193)	16 (60,6)	29 (110)	51 (193)
		75 (5,2)	20 (75,7)	33 (125)	58 (220)	19 (71,9)	32 (121)	56 (212)
		100 (6,9)	25 (94,6)	40 (151)	68 (257)	24 (90,8)	38 (144)	65 (246)
		150 (10,3)	34 (129)	50 (189)	87 (329)	32 (121)	49 (185)	84 (318)
		200 (13,8)	42 (159)	61 (231)	110 (416)	42 (159)	62 (235)	110 (416)
		250 (17,2)	50 (189)	71 (269)	130 (492)	50 (189)	73 (276)	140 (530)
		300 (20,7)	56 (212)	82 (310)	160 (606)	55 (208)	83 (314)	160 (606)
	75 (5,2)	100 (6,9)	19 (71,9)	30 (114)	60 (227)	20 (75,7)	30 (114)	60 (227)
		125 (8,6)	31 (117)	56 (212)	85 (322)	27 (102)	49 (185)	85 (322)
		150 (10,3)	38 (144)	65 (246)	110 (416)	34 (129)	60 (227)	110 (416)
		200 (13,8)	52 (197)	74 (280)	120 (454)	45 (170)	71 (269)	120 (454)
		250 (17,2)	57 (216)	85 (322)	140 (530)	56 (212)	85 (322)	140 (530)
		300 (20,7)	65 (246)	95 (360)	160 (606)	68 (257)	100 (378)	160 (606)
60 to 120 (4,1 to 8,3)	100 (6,9)	125 (8,6)	23 (87,1)	30 (114)	75 (284)	24 (90,8)	32 (121)	76 (288)
		150 (10,3)	41 (155)	44 (167)	87 (329)	33 (125)	45 (170)	89 (337)
		175 (12,1)	40 (151)	55 (208)	100 (378)	41 (155)	57 (216)	110 (416)
		225 (15,5)	52 (197)	83 (314)	130 (492)	54 (204)	84 (318)	130 (492)
		250 (17,2)	62 (235)	96 (363)	140 (530)	65 (246)	100 (378)	140 (530)
		300 (20,7)	70 (265)	100 (378)	180 (681)	100 (378)	130 (492)	160 (606)
100 to 140 (6,9 to 9,7)	125 (8,6)	150 (10,3)	28 (106)	51 (193)	80 (303)	29 (110)	52 (197)	83 (314)
		175 (12,1)	29 (110)	60 (227)	90 (341)	31 (117)	61 (231)	95 (360)
		200 (13,8)	30 (114)	64 (242)	110 (416)	33 (125)	71 (269)	110 (416)
		225 (15,5)	36 (136)	70 (265)	110 (416)	36 (136)	82 (310)	120 (454)
		250 (17,2)	38 (144)	76 (288)	120 (454)	45 (170)	95 (360)	130 (492)
		300 (20,7)	39 (148)	82 (310)	140 (530)	69 (261)	120 (454)	150 (568)
120 to 150 (8,3 to 10,3)	150 (10,3)	175 (12,1)	29 (110)	52 (197)	90 (341)	33 (125)	54 (204)	92 (348)
		200 (13,8)	32 (121)	55 (208)	100 (378)	34 (129)	58 (220)	100 (378)
		225 (15,5)	35 (132)	63 (238)	110 (416)	37 (140)	64 (242)	110 (416)
		250 (17,2)	40 (151)	70 (265)	120 (454)	43 (163)	73 (276)	130 (492)
		300 (20,7)	55 (208)	94 (356)	140 (530)	55 (208)	95 (360)	150 (568)

Table 21. *Water Capacities[1] in GPM (l/min) for NPS 1/4 through 1/2 (DN 15) Type 95HP Regulators with Elastomer Diaphragm*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	15 (1,0)	30 (2,1)	0.6 (2,3)	1.3 (4,9)	2.9 (11,0)	2.6 (9,8)	3.2 (12,1)	5.2 (19,7)
		40 (2,8)	0.9 (3,4)	1.5 (5,7)	3.1 (11,7)	2.7 (10,2)	3.5 (13,2)	5.5 (20,8)
		50 (3,5)	1.2 (4,5)	1.8 (6,8)	3.2 (12,1)	2.8 (10,6)	3.8 (14,4)	6.2 (23,5)
		75 (5,2)	1.4 (5,3)	2.6 (9,8)	4.5 (17,0)	3.0 (11,4)	4.6 (17,4)	6.6 (25,0)
		100 (6,9)	1.8 (6,8)	3.0 (11,4)	5.0 (18,9)	3.5 (13,2)	5.0 (18,9)	7.0 (26,5)
		150 (10,3)	2.4 (9,1)	4.0 (15,1)	6.4 (24,2)	4.0 (15,1)	5.5 (20,8)	7.0 (26,5)
		200 (13,8)	2.8 (10,6)	4.8 (18,2)	7.0 (26,5)	4.8 (18,2)	6.0 (22,7)	7.7 (29,1)
		250 (17,2)	2.9 (11,0)	5.0 (18,9)	8.0 (30,3)	4.8 (18,2)	6.2 (23,5)	7.8 (29,5)
		300 (20,7)	3.0 (11,4)	5.2 (19,7)	9.0 (34,1)	4.5 (17,0)	6.2 (23,5)	7.5 (28,4)
		400 (27,6)	3.0 (11,4)	5.5 (20,8)	10 (37,8)	5.4 (20,4)	6.5 (24,6)	7.8 (29,5)
		500 (34,5)	3.0 (11,4)	5.5 (20,8)	11 (41,6)	5.6 (21,2)	6.7 (25,4)	8.0 (30,3)
		600 (41,4)	3.0 (11,4)	5.5 (20,8)	12 (45,4)	6.2 (23,5)	7.0 (26,5)	8.5 (32,2)
	30 (2,1)	40 (2,8)	1.0 (3,8)	2.0 (7,6)	3.7 (14,0)	2.6 (9,8)	4.4 (16,6)	7.2 (27,3)
		50 (3,5)	1.4 (5,3)	2.4 (9,1)	4.0 (15,1)	3.0 (11,4)	5.0 (18,9)	7.8 (29,5)
		75 (5,2)	2.0 (7,6)	3.7 (14,0)	5.5 (20,8)	4.0 (15,1)	6.2 (23,5)	8.8 (33,3)
		100 (6,9)	2.4 (9,1)	4.1 (15,5)	6.7 (25,4)	4.5 (17,0)	6.5 (24,6)	9.8 (37,1)
		150 (10,3)	2.7 (10,2)	5.0 (18,9)	8.0 (30,3)	5.0 (18,9)	7.0 (26,5)	10 (37,8)
		200 (13,8)	3.0 (11,4)	5.5 (20,8)	10 (37,8)	5.8 (22,0)	7.2 (27,3)	10 (37,8)
		250 (17,2)	4.0 (15,1)	6.0 (22,7)	11 (41,6)	6.0 (22,7)	8.0 (30,3)	11 (41,6)
		300 (20,7)	4.4 (16,7)	6.5 (24,6)	12 (45,4)	6.0 (22,7)	8.2 (31,0)	11 (41,6)
		400 (27,6)	4.4 (16,7)	6.5 (24,6)	12 (45,4)	6.5 (24,6)	8.4 (31,8)	11 (41,6)
		500 (34,5)	4.4 (16,7)	6.5 (24,6)	13 (49,2)	6.6 (25,0)	8.6 (32,6)	12 (45,4)
		600 (41,4)	4.4 (16,7)	6.5 (24,6)	13 (49,2)	6.9 (26,1)	8.7 (32,9)	11 (41,6)
	75 (5,2)	100 (6,9)	2.8 (10,6)	4.5 (17,0)	5.9 (22,3)	5.5 (20,8)	9.0 (34,1)	13 (49,2)
		125 (8,6)	3.3 (12,5)	5.8 (22,0)	7.2 (27,3)	6.2 (23,5)	10 (37,8)	16 (60,6)
		150 (10,3)	4.3 (16,3)	6.7 (25,4)	8.3 (31,4)	6.5 (24,6)	12 (45,4)	18 (68,1)
		200 (13,8)	4.8 (18,2)	8.2 (31,0)	10 (37,8)	8.0 (30,3)	12 (45,4)	19 (71,9)
		250 (17,2)	5.6 (21,2)	10 (37,8)	12 (45,4)	8.2 (31,0)	12 (45,4)	19 (71,9)
		300 (20,7)	5.8 (22,0)	11 (41,6)	13 (49,2)	8.7 (32,9)	12 (45,4)	19 (71,9)
		400 (27,6)	6.0 (22,7)	11 (41,6)	15 (56,8)	8.8 (33,3)	12 (45,4)	19 (71,9)
		500 (34,5)	6.1 (23,1)	11 (41,6)	15 (56,8)	8.7 (32,9)	13 (49,2)	19 (71,9)
		600 (41,4)	6.2 (23,5)	11 (41,6)	16 (60,6)	9.0 (34,1)	13 (49,2)	20 (75,7)
	100 (6,9)	125 (8,6)	3.1 (11,7)	4.9 (18,5)	6.4 (24,2)	6.4 (24,2)	11 (41,6)	16 (60,6)
		150 (10,3)	4.0 (15,1)	6.4 (24,2)	7.5 (28,4)	7.0 (26,5)	12 (45,4)	18 (68,1)
		175 (12,1)	4.8 (18,2)	7.5 (28,4)	8.6 (32,6)	8.0 (30,3)	13 (49,2)	21 (79,5)
		200 (13,8)	5.5 (20,8)	8.0 (30,3)	9.2 (34,8)	8.2 (31,0)	14 (53,0)	21 (79,5)
		250 (17,2)	6.4 (24,2)	9.7 (36,7)	11 (41,6)	9.0 (34,1)	14 (53,0)	22 (83,3)
		300 (20,7)	7.0 (26,5)	11 (41,6)	12 (45,4)	9.3 (35,2)	14 (53,0)	22 (83,3)
		400 (27,6)	7.3 (27,6)	11 (41,6)	15 (56,8)	9.3 (35,2)	14 (53,0)	22 (83,3)
		500 (34,5)	7.5 (28,4)	12 (45,4)	15 (56,8)	9.3 (35,2)	14 (53,0)	23 (87,1)
		600 (41,4)	7.5 (28,4)	12 (45,4)	16 (60,6)	10 (37,8)	15 (56,8)	23 (87,1)
80 to 300 (5,5 to 20,7)	125 (8,6)	150 (10,3)	1.5 (5,68)	2.8 (10,6)	5.6 (21,2)	5.5 (20,8)	7.5 (28,4)	14 (53,0)
		175 (12,1)	2.0 (7,57)	3.4 (12,9)	6.6 (25,0)	5.7 (21,6)	8.5 (32,2)	15 (56,8)
		200 (13,8)	2.4 (9,08)	3.8 (14,4)	6.8 (25,7)	6.0 (22,7)	9.0 (34,1)	16 (60,6)
		225 (15,5)	2.4 (9,08)	4.2 (15,9)	7.0 (26,5)	6.2 (23,5)	9.5 (36,0)	17 (64,3)
		250 (17,2)	3.0 (11,4)	4.8 (18,2)	8.2 (31,0)	6.4 (24,2)	10 (37,8)	17 (64,3)
		300 (20,7)	3.6 (13,6)	5.3 (20,1)	9.0 (34,1)	6.5 (24,6)	10 (37,8)	17 (64,3)
		400 (27,6)	3.6 (13,6)	6.0 (22,7)	9.5 (36,0)	8.0 (30,3)	12 (45,4)	18 (68,1)
		500 (34,5)	3.7 (14,0)	6.1 (23,1)	10 (37,8)	7.8 (29,5)	12 (45,4)	20 (75,7)
		600 (41,4)	4.6 (17,4)	7.0 (26,5)	12 (45,4)	9.1 (34,4)	13 (49,2)	22 (83,3)
	200 (13,8)	225 (15,5)	2.6 (9,84)	4.6 (17,4)	8.0 (30,3)	7.0 (26,5)	11 (41,6)	18 (68,1)
		250 (17,2)	2.8 (10,6)	4.8 (18,2)	8.3 (31,4)	7.2 (27,3)	12 (45,4)	19 (71,9)
		300 (20,7)	3.4 (12,9)	6.2 (23,5)	9.9 (37,5)	7.8 (29,5)	12 (45,4)	21 (79,5)
		400 (27,6)	4.0 (15,1)	6.8 (25,7)	12 (45,4)	10 (37,8)	16 (60,6)	25 (94,6)
		500 (34,5)	4.6 (17,4)	7.5 (28,4)	13 (49,2)	10 (37,8)	16 (60,6)	25 (94,6)
		600 (41,4)	5.8 (22,0)	9.3 (35,2)	15 (56,8)	11 (41,6)	17 (64,3)	28 (106)
	250 (17,2)	275 (19,0)	3.2 (12,1)	5.4 (20,4)	8.5 (32,2)	7.8 (29,5)	13 (49,2)	21 (79,5)
		300 (20,7)	3.4 (12,9)	5.8 (22,0)	9.4 (35,6)	8.0 (30,3)	14 (53,0)	22 (83,3)
		400 (27,6)	3.8 (14,4)	7.2 (27,3)	12 (45,4)	10 (37,8)	16 (60,6)	28 (106)
		500 (34,5)	5.0 (18,9)	9.0 (34,1)	14 (53,0)	11 (41,6)	18 (68,1)	30 (114)
		600 (41,4)	6.4 (24,2)	10 (37,8)	16 (60,6)	12 (45,4)	20 (75,7)	31 (117)

1. To obtain capacities for regulator with metal diaphragms or for Type 95HT, multiply the table values by 0.6.

- continued -

Table 21. *Water Capacities[1] in GPM (l/min) for NPS 1/4 through 1/2 (DN 15) Type 95HP Regulators with Elastomer Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1/4			1/2 (15)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
80 to 300 (5,5 to 20,7)	300 (20,7)	350 (24,1)	3.8 (14,4)	7.0 (26,5)	11 (41,6)	9.5 (36,0)	15 (56,8)	24 (90,8)
		400 (27,6)	4.0 (15,1)	7.5 (28,4)	12 (45,4)	10 (37,8)	17 (64,3)	27 (102)
		500 (34,5)	5.2 (19,7)	9.0 (34,1)	14 (53,0)	10 (37,8)	19 (71,9)	29 (110)
		600 (41,4)	6.5 (24,6)	11 (41,6)	16 (60,6)	13 (49,2)	21 (79,5)	33 (125)
80 to 400 (5,5 to 27,6) Type 95HP only	400 (27,6)	500 (34,5)	5.3 (20,1)	9.2 (34,8)	14 (53,0)	11 (41,6)	20 (75,7)	30 (114)
		600 (41,4)	6.6 (25,0)	12 (45,4)	17 (64,3)	14 (53,0)	22 (83,3)	35 (132)

1. To obtain capacities for regulator with metal diaphragms or for Type 95HT, multiply the table values by 0.6.

Table 21. *Water Capacities[1] in GPM (l/min) for NPS 3/4 through 1 (DN 20 through 25) Type 95HP Regulators with Elastomer Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	15 (1,0)	30 (2,1)	4.5 (17,0)	6.0 (22,7)	9.5 (36,0)	4.0 (15,1)	6.0 (22,7)	9.8 (37,1)
		40 (2,8)	4.5 (17,0)	7.0 (26,5)	11 (41,6)	5.0 (18,9)	7.0 (26,5)	11 (41,6)
		50 (3,5)	5.5 (20,8)	7.8 (29,5)	12 (45,4)	6.5 (24,6)	8.5 (32,2)	14 (53,0)
		75 (5,2)	5.5 (20,8)	9.0 (34,1)	15 (56,8)	7.0 (26,5)	11 (41,6)	17 (64,3)
		100 (6,9)	7.0 (26,5)	11 (41,6)	17 (64,3)	7.3 (27,6)	13 (49,2)	21 (79,5)
		150 (10,3)	9.0 (34,1)	13 (49,2)	20 (75,7)	11 (41,6)	17 (64,3)	25 (94,6)
		200 (13,8)	11 (41,6)	16 (60,6)	21 (79,5)	10 (37,8)	17 (64,3)	32 (121)
		250 (17,2)	11 (41,6)	15 (56,8)	21 (79,5)	12 (45,4)	23 (87,1)	35 (132)
		300 (20,7)	13 (49,2)	19 (71,9)	23 (87,1)	15 (56,8)	26 (98,4)	36 (136)
		400 (27,6)	16 (60,6)	23 (87,1)	27 (102)	20 (75,7)	26 (98,4)	37 (140)
		500 (34,5)	18 (68,1)	26 (98,4)	33 (125)	19 (71,9)	27 (102)	37 (140)
		600 (41,4)	24 (90,8)	33 (125)	42 (159)	18 (68,1)	30 (114)	41 (155)
	30 (2,1)	40 (2,8)	5.2 (19,7)	7.3 (27,6)	15 (56,8)	5.5 (20,8)	8.0 (30,3)	14 (53,0)
		50 (3,5)	6.0 (22,7)	10 (37,8)	17 (64,3)	7.0 (26,5)	11 (41,6)	17 (64,3)
		75 (5,2)	7.0 (26,5)	13 (49,2)	20 (75,7)	9.0 (34,1)	15 (56,8)	23 (87,1)
		100 (6,9)	9.0 (34,1)	16 (60,6)	24 (90,8)	11 (41,6)	19 (71,9)	30 (114)
		150 (10,3)	12 (45,4)	19 (71,9)	28 (106)	13 (49,2)	24 (90,8)	35 (132)
		200 (13,8)	14 (53,0)	21 (79,5)	30 (114)	14 (53,0)	26 (98,4)	44 (167)
		250 (17,2)	16 (60,6)	24 (90,8)	31 (117)	18 (68,1)	33 (125)	47 (178)
		300 (20,7)	17 (64,3)	22 (83,3)	32 (121)	21 (79,5)	34 (129)	52 (197)
		400 (27,6)	16 (60,6)	25 (94,6)	34 (129)	24 (90,8)	39 (148)	54 (204)
		500 (34,5)	23 (87,1)	33 (125)	44 (167)	25 (94,6)	40 (151)	56 (212)
		600 (41,4)	30 (114)	38 (144)	51 (193)	30 (114)	42 (159)	58 (220)
	75 (5,2)	100 (6,9)	12 (45,4)	20 (75,7)	27 (102)	14 (53,0)	21 (79,5)	28 (106)
		125 (8,6)	15 (56,8)	23 (87,1)	32 (121)	17 (64,3)	26 (98,4)	35 (132)
		150 (10,3)	17 (64,3)	27 (102)	37 (140)	21 (79,5)	32 (121)	40 (151)
		200 (13,8)	20 (75,7)	31 (117)	43 (163)	24 (90,8)	38 (144)	47 (178)
		250 (17,2)	24 (90,8)	35 (132)	48 (182)	29 (110)	44 (167)	51 (193)
		300 (20,7)	25 (94,6)	38 (144)	51 (193)	37 (140)	49 (185)	57 (216)
		400 (27,6)	26 (98,4)	38 (144)	58 (220)	39 (148)	53 (201)	60 (227)
		500 (34,5)	36 (136)	49 (185)	64 (242)	39 (148)	57 (216)	65 (246)
		600 (41,4)	39 (148)	52 (197)	72 (273)	39 (148)	57 (216)	70 (265)
	100 (6,9)	125 (8,6)	15 (56,8)	23 (87,1)	29 (110)	17 (64,3)	24 (90,8)	32 (121)
		150 (10,3)	18 (68,1)	28 (106)	35 (132)	21 (79,5)	30 (114)	37 (140)
		175 (12,1)	20 (75,7)	31 (117)	39 (148)	24 (90,8)	36 (136)	42 (159)
		200 (13,8)	23 (87,1)	34 (129)	43 (163)	28 (106)	38 (144)	45 (170)
		250 (17,2)	29 (110)	38 (144)	49 (185)	36 (136)	47 (178)	51 (193)
		300 (20,7)	32 (121)	44 (167)	54 (204)	39 (148)	53 (201)	57 (216)
		400 (27,6)	32 (121)	48 (182)	63 (238)	41 (155)	61 (231)	65 (246)
		500 (34,5)	33 (125)	49 (185)	64 (242)	41 (155)	61 (231)	66 (250)
		600 (41,4)	44 (167)	61 (231)	77 (291)	41 (155)	61 (231)	70 (265)

1. To obtain capacities for regulators with metal diaphragms or for Type 95HT, multiply the table values by 0.6.

- continued -

Table 21. *Water Capacities[1] in GPM (l/min) for NPS 3/4 through 1 (DN 20 through 25) Type 95HP Regulators with Elastomer Diaphragm (continued)*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	3/4 (20)			1 (25)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
80 to 300 (5,5 to 20,7)	125 (8,6)	150 (10,3)	9.0 (34,1)	16 (60,6)	28 (106)	13 (49,2)	19 (71,9)	32 (121)
		175 (12,1)	12 (45,4)	20 (75,7)	31 (117)	13 (49,2)	22 (83,3)	36 (136)
		200 (13,8)	13 (49,2)	22 (83,3)	33 (125)	16 (60,6)	25 (94,6)	41 (155)
		225 (15,5)	15 (56,8)	24 (90,8)	39 (148)	16 (60,6)	27 (102)	44 (167)
		250 (17,2)	16 (60,6)	27 (102)	41 (155)	18 (68,1)	30 (114)	47 (178)
		300 (20,7)	17 (64,3)	28 (106)	43 (163)	21 (79,5)	35 (132)	51 (193)
		400 (27,6)	19 (71,9)	35 (132)	47 (178)	22 (83,3)	38 (144)	55 (208)
		500 (34,5)	24 (90,8)	36 (136)	51 (193)	23 (87,1)	40 (151)	56 (212)
		600 (41,4)	28 (106)	40 (151)	59 (223)	28 (106)	42 (159)	62 (235)
	200 (13,8)	225 (15,5)	16 (60,6)	25 (94,6)	37 (140)	17 (64,3)	25 (94,6)	40 (151)
		250 (17,2)	17 (64,3)	28 (106)	42 (159)	20 (75,7)	30 (114)	41 (155)
		300 (20,7)	19 (71,9)	31 (117)	47 (178)	22 (83,3)	35 (132)	51 (193)
		400 (27,6)	24 (90,8)	38 (144)	56 (212)	28 (106)	44 (167)	65 (246)
		500 (34,5)	25 (94,6)	40 (151)	61 (231)	29 (110)	45 (170)	67 (254)
		600 (41,4)	30 (114)	45 (170)	70 (265)	30 (114)	46 (174)	72 (273)
	250 (17,2)	275 (19,0)	19 (71,9)	29 (110)	41 (155)	20 (75,7)	31 (117)	44 (167)
		300 (20,7)	19 (71,9)	31 (117)	44 (167)	23 (87,1)	34 (129)	48 (182)
		400 (27,6)	23 (87,1)	37 (140)	56 (212)	29 (110)	45 (170)	62 (235)
		500 (34,5)	27 (102)	42 (159)	64 (242)	30 (114)	48 (182)	70 (265)
		600 (41,4)	31 (117)	48 (182)	74 (280)	32 (121)	50 (189)	74 (280)
	300 (20,7)	350 (24,1)	21 (79,5)	35 (132)	47 (178)	24 (90,8)	38 (144)	50 (189)
		400 (27,6)	24 (90,8)	39 (148)	53 (201)	27 (102)	44 (167)	58 (220)
		500 (34,5)	27 (102)	43 (163)	60 (227)	31 (117)	50 (189)	70 (265)
		600 (41,4)	32 (121)	51 (193)	75 (284)	35 (132)	55 (208)	74 (280)
80 to 400 (5,5 to 27,6) Type 95HP only	400 (27,6)	500 (34,5)	27 (102)	44 (167)	64 (242)	32 (121)	51 (193)	70 (265)
		600 (41,4)	33 (125)	53 (201)	77 (291)	38 (144)	58 (220)	76 (288)

1. To obtain capacities for regulators with metal diaphragms or for Type 95HT, multiply the table values by 0.6.

Table 22. *Water Capacities in GPM (l/min) for NPS 1-1/2 through 2 (DN 40 through 50) Types 95HT (Metal Diaphragm) and 95HP (Elastomer Diaphragm) Regulators*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	15 (1,0)	30 (2,1)	9.0 (34,1)	12 (45,4)	18 (68,1)	11 (41,6)	14 (53,0)	21 (79,5)
		40 (2,8)	11 (41,6)	13 (49,2)	19 (71,9)	12 (45,4)	16 (60,6)	24 (90,8)
		50 (3,5)	12 (45,4)	15 (56,8)	21 (79,5)	13 (49,2)	17 (64,3)	28 (106)
		75 (5,2)	14 (53,0)	18 (68,1)	25 (94,6)	15 (56,8)	21 (79,5)	35 (132)
		100 (6,9)	16 (60,6)	22 (83,3)	29 (110)	18 (68,1)	26 (98,4)	45 (170)
		150 (10,3)	22 (83,3)	31 (117)	39 (148)	29 (110)	50 (189)	85 (322)
		200 (13,8)	30 (114)	40 (151)	50 (189)	50 (189)	92 (348)	120 (454)
		250 (17,2)	35 (132)	47 (178)	65 (246)	70 (265)	95 (360)	120 (454)
		300 (20,7)	37 (140)	51 (193)	85 (322)	85 (322)	100 (378)	120 (454)
		400 (27,6)	40 (151)	58 (220)	120 (454)	45[1] (170)[1]	63[1] (238)[1]	75[1] (284)[1]
		500 (34,5)	43 (163)	65 (246)	140 (530)	47[1] (178)[1]	67[1] (254)[1]	77[1] (291)[1]
		600 (41,4)	45 (170)	71 (269)	140 (530)	50[1] (189)[1]	70[1] (265)[1]	80[1] (303)[1]
	50 (3,4)	60 (4,1)	20 (75,7)	28 (106)	50 (189)	19 (71,9)	31 (117)	56 (212)
		75 (5,2)	23 (87,1)	33 (125)	57 (216)	23 (87,1)	38 (144)	69 (261)
		100 (6,9)	26 (98,4)	39 (148)	67 (254)	30 (114)	52 (197)	89 (337)
		150 (10,3)	34 (129)	50 (189)	86 (326)	45 (170)	80 (303)	130 (492)
		200 (13,8)	40 (151)	60 (227)	110 (416)	58 (220)	100 (378)	160 (606)
		250 (17,2)	47 (178)	67 (254)	130 (492)	72 (273)	120 (454)	180 (681)
		300 (20,7)	52 (197)	75 (284)	150 (568)	85 (322)	130 (492)	190 (719)
		400 (27,6)	62 (235)	85 (322)	190 (719)	85[1] (322)[1]	110[1] (416)[1]	140[1] (530)[1]
		500 (34,5)	71 (269)	100 (378)	240 (908)	92[1] (348)[1]	110[1] (416)[1]	140[1] (530)[1]
		600 (41,4)	76 (288)	110 (416)	240 (908)	100[1] (378)[1]	120[1] (454)[1]	140[1] (530)[1]

Gray areas indicate limited capacities due to boost effects.

- continued -

Table 22. *Water Capacities in GPM (l/min) for NPS 1-1/2 through 2 (DN 40 through 50) Types 95HT (Metal Diaphragm) and 95HP (Elastomer Diaphragm) Regulators*

RECOMMENDED OUTLET PRESSURE RANGE, PSIG (bar)	PRESSURE		REGULATOR BODY SIZE, NPS (DN)					
	Outlet Setting, Psig (bar)	Inlet	1-1/2 (40)			2 (50)		
			Droop			Droop		
		Psig (bar)	10%	20%	40%	10%	20%	40%
15 to 100 (1,0 to 6,9)	100 (6,9)	125 (8,6)	37 (140)	57 (216)	95 (360)	45 (170)	75 (284)	100 (378)
		150 (10,3)	45 (170)	65 (246)	110 (416)	55 (208)	110 (416)	120 (454)
		175 (12,1)	49 (185)	70 (265)	120 (454)	65 (246)	120 (454)	130 (492)
		200 (13,8)	54 (204)	80 (303)	130 (492)	73 (276)	140 (530)	150 (568)
		250 (17,2)	63 (238)	95 (360)	160 (606)	90 (341)	170 (643)	170 (643)
		300 (20,7)	70 (265)	110 (416)	180 (681)	110 (416)	190 (719)	190 (719)
		400 (27,6)	85 (322)	130 (492)	220 (833)	93[1] (352)[1]	120[1] (454)[1]	170 [1] (643)[1]
		500 (34,5)	90 (341)	140 (530)	240 (908)	100[1] (378)[1]	130[1] (492)[1]	170[1] (643)[1]
		600 (41,4)	100 (378)	160 (606)	260 (984)	110[1] (416)[1]	140[1] (530)[1]	180[1] (681)[1]
60 to 260 (4,1 to 17,9)	125 (8,6)	150 (10,3)	28 (106)	42 (159)	68 (257)	24 (90,8)	49 (185)	84 (318)
		175 (12,1)	29 (110)	45 (170)	71 (269)	31 (117)	55 (208)	87 (329)
		200 (13,8)	31 (117)	50 (189)	77 (291)	36 (136)	63 (238)	91 (344)
		225 (15,5)	34 (129)	55 (208)	84 (318)	42 (159)	70 (265)	96 (363)
		250 (17,2)	38 (144)	61 (231)	95 (360)	47 (178)	80 (303)	110 (416)
		300 (20,7)	45 (170)	71 (269)	120 (454)	55 (208)	95 (360)	140 (530)
		400 (27,6)	58 (220)	90 (341)	150 (568)	62 (235)	230 (871)	240 (908)
		500 (34,5)	65 (246)	100 (378)	170 (643)	70 (265)	240 (908)	260 (984)
		600 (41,4)	71 (269)	110 (416)	180 (681)	200 (757)	270 (1022)	290 (1098)
	200 (13,8)	225 (15,5)	40 (151)	60 (227)	110 (416)	46 (174)	72 (273)	120 (454)
		250 (17,2)	45 (170)	75 (284)	120 (454)	50 (189)	80 (303)	130 (492)
		300 (20,7)	52 (197)	88 (333)	130 (492)	58 (220)	96 (363)	150 (568)
		350 (24,1)	54 (204)	90 (341)	150 (568)	72 (273)	110 (416)	170 (643)
		400 (27,6)	60 (227)	100 (378)	180 (681)	74 (280)	160 (606)	220 (833)
		450 (31,0)	75 (284)	120 (454)	190 (719)	95 (360)	180 (681)	240 (908)
		500 (34,5)	83 (314)	130 (492)	200 (757)	110 (416)	200 (757)	260 (984)
		600 (41,4)	91 (344)	140 (530)	210 (795)	150 (568)	280 (1060)	290 (1098)
	250 (17,2)	275 (19,0)	46 (174)	77 (291)	130 (492)	50 (189)	86 (326)	140 (530)
		300 (20,7)	50 (189)	85 (322)	140 (530)	55 (208)	89 (337)	150 (568)
		350 (24,1)	60 (227)	96 (363)	150 (568)	65 (246)	100 (378)	170 (643)
		400 (27,6)	65 (246)	100 (378)	180 (681)	70 (265)	130 (492)	190 (719)
		450 (31,0)	70 (265)	120 (454)	200 (757)	90 (341)	160 (606)	210 (795)
		500 (34,5)	81 (307)	130 (492)	220 (833)	100 (378)	170 (643)	230 (871)
		550 (37,9)	82 (310)	140 (530)	230 (871)	120 (454)	190 (719)	250 (946)
		600 (41,4)	85 (322)	150 (568)	240 (908)	130 (492)	250 (946)	260 (984)
60 to 300 (4,1 to 20,7) Type 95HP only	300 (20,7)	350 (24,1)	55 (208)	94 (356)	140 (530)	60 (227)	110 (416)	160 (606)
		400 (27,6)	60 (227)	110 (416)	180 (681)	75 (284)	120 (454)	180 (681)
		450 (31,0)	70 (265)	120 (454)	200 (757)	97 (367)	150 (568)	200 (757)
		500 (34,5)	80 (303)	140 (530)	220 (833)	110 (416)	180 (681)	220 (833)
		550 (37,9)	88 (333)	150 (568)	230 (871)	120 (454)	210 (795)	240 (908)
		600 (41,4)	90 (341)	150 (568)	250 (946)	140 (530)	240 (908)	250 (946)

Gray areas indicate limited capacities due to boost effects.

Ordering Information

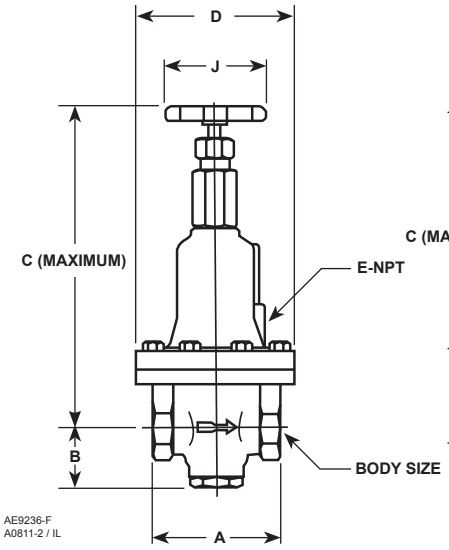
When ordering, specify:

Application Information

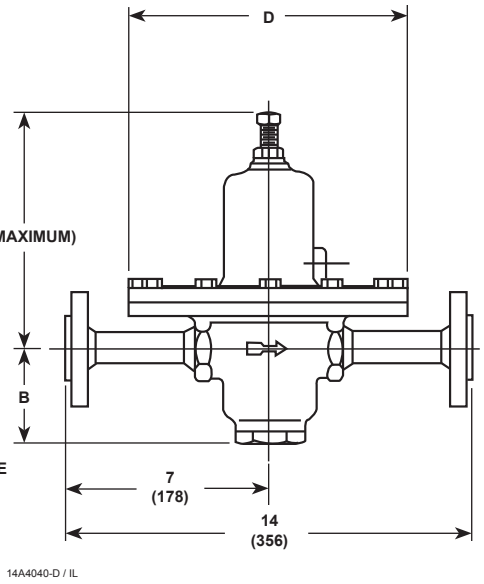
1. Type of gas/liquid being controlled (air, ammonia, water, process chemicals, etc.); list any factors such as impurities in the gas/liquid that may affect the compatibility with the regulator trim parts.
2. Specific gravity of the gas/liquid
3. Temperature of the gas/liquid
4. Range of flowing inlet pressure to regulator
5. Outlet pressure setting or range
6. Flow rates
   a. Minimum controlled flow
   b. Normal flow
   c. Maximum flow
7. Line size and end connection size of adjacent piping

Regulator Information

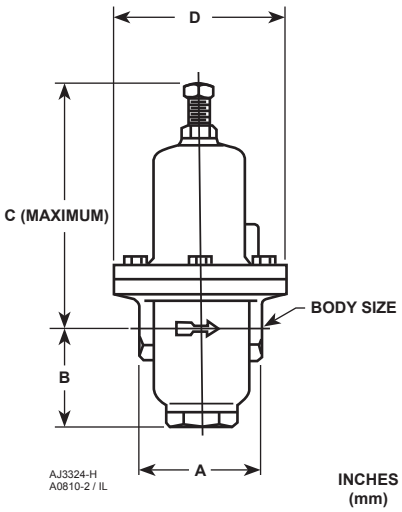
Refer to the Specifications section on page 2 and carefully review the description to the right of each specification and in the referenced tables. Specify the desired selection wherever there is a choice to be made. Always specify the regulator type number.



TYPE 95HD REGULATOR (DIMENSIONS ALSO APPLY TO TYPE 95LD REGULATOR)



FLANGED BODIES AVAILABLE IN NPS 1/2 THROUGH 2 (DN 15 through 50) BODY SIZES



TYPE 95H REGULATOR (DIMENSIONS ALSO APPLY TO TYPES 95L, 95HT AND 95HP REGULATORS)

TYPE 95L REGULATOR										
BODY SIZE, NPS (DN)	A				B		C		D	
	Cast Iron		Steel/SST							
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
1/4	2.25	57	2.75	70	1.81	46	4.62	117	5.06	129
1/2 (15)	3.88	99	4.00	102	1.81	46	6.12	155	7.00	178
3/4,1 (20, 25)	4.88	124	5.00	127	2.25	57,2	9.12	232	10.19	259
TYPES 95H, 95HT, AND 95HP REGULATORS										
1/4	2.25	57	2.75	70	1.81	46	4.50	114	3.19	81
1/2 (15)	3.88	99	4.00	102	1.81	46	6.00	152	4.25	108
3/4, 1 (20, 25)	4.88	124	5.00	127	2.25	57	9.12	232	6.06	154
1-1/2, 2 (40, 50)	7.25	184	7.38	187	2.79	71	14.69	373	8.19	208

TYPE 95LD REGULATOR													
BODY SIZE, NPS (DN)	A				B		C		D		E (NPT)	J	
	Cast Iron		Steel										
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	Inch	mm
1/4	2.25	57	2.75	70	1.81	46	7.94	202	5.06	129	1/8	2.75	70
1/2 (15)	3.88	99	4.00	102	1.81	46	10.12	257	7.00	178	1/4	4.00	102
3/4, 1 (20, 25)	4.88	124	5.00	127	2.25	57	15.31	389	10.19	259	1/4	4.00	102
TYPE 95HD REGULATOR													
1/4	2.25	57	2.75	70	1.81	46	7.88	200	3.19	81	1/8	2.75	70
1/2 (15)	3.88	99	4.00	102	1.81	46	10.00	254	4.25	108	1/4	4.00	102
3/4, 1 (20, 25)	4.88	124	5.00	127	2.25	57	15.12	384	6.06	154	1/4	4.00	102
1-1/2, 2 (40, 50)	7.25	184	7.38	187	2.79	71	18.31	465	8.19	208	1/4	6.75	171

Figure 4. *Dimensions*

Ordering Guide

Type (Select One)
- ☐ 95L (Low pressure)
- ☐ 95LD (Low pressure differential)
- ☐ 95H (High pressure)
- ☐ 95HD (High pressure differential, must be steel or stainless steel construction)
- ☐ 95HP (High pressure, soft-seated)
- ☐ 95HT (High pressure/temperature, must be steel or stainless steel construction)

Body Size (Select One)
- ☐ 1/4 NPT
- ☐ NPS 1/2 (DN 15)
- ☐ NPS 3/4 (DN 20)
- ☐ NPS 1 (DN 25)
- ☐ NPS 1-1/2 (DN 40) (not available for 95L Series)
- ☐ NPS 2 (DN 50) (not available for 95L Series)

Body Material and End Connection Style(1) (Select One)

Cast iron
- ☐ NPT***

WCC Steel
- ☐ NPT***
- ☐ CL150 RF**
- ☐ CL300 RF**
- ☐ PN 16/25/40**
- ☐ SWE**

CF8M Stainless steel
- ☐ NPT***
- ☐ CL150 RF**
- ☐ CL300 RF**
- ☐ PN 16/25/40**
- ☐ SWE**

Hastelloy® C
- ☐ NPT*
- ☐ CL150 RF*
- ☐ CL300 RF*
- ☐ PN 16/25/40*
- ☐ SWE*

Monel®
- ☐ NPT*
- ☐ CL150 RF*
- ☐ CL300 RF*
- ☐ PN 16/25/40*
- ☐ SWE*

Spring Case Material (Select One)
- ☐ Cast iron (**standard** for cast iron bodies)***
- ☐ WCC Steel (**standard** for steel or stainless steel bodies)***
- ☐ CF8M Stainless steel (optional for stainless steel bodies)**

Trim Material – See Table 6 (Select Metal or Elastomer)

Metal Seat (Select One)
- ☐ 416 Stainless steel **(standard)***
- ☐ 316 Stainless steel**
- ☐ Hastelloy® C*
- ☐ Monel®*

Elastomer Seat (Select one from each column)

Disk Holder	Disk
☐ Brass***	☐ Neoprene (CR) or Nitrile (NBR)***
☐ 416 SST***	☐ Fluorocarbon (FKM)
☐ 316 SST**	☐ PTFE
☐ Hastelloy® C*	☐ Ethylenepropylene (EPDM)*
☐ Monel®*	☐ Perfluoroelastomer (FFKM)*

Outlet or Differential Pressure Range (Select One)

Type 95L or 95LD
- ☐ 2 to 6 psig/psi (0,14 to 0,41 bar), Yellow***
- ☐ 5 to 15 psig/psi (0,35 to 1,0 bar), Green***
- ☐ 13 to 30 psig/psi (0,90 to 2,1 bar), Red***

Type 95H or 95HD

NPS 1/4 through 3/4 (DN 20) body sizes
- ☐ 15 to 30 psig/psi (1,0 to 2,1 bar), Yellow***
- ☐ 25 to 75 psig/psi (1,7 to 5,2 bar), Green***
- ☐ 70 to 150 psig/psi (4,8 to 10,3 bar), Red***

NPS 1-1/2 and 2 (DN 40 and 50) body sizes
- ☐ 5 to 80 psig/psi (0,35 to 5,5 bar), Light Blue***
- ☐ 60 to 120 psig/psi (4,1 to 8,3 bar), Light Gray***
- ☐ 100 to 140 psig/psi (6,9 to 9,7 bar), Yellow***
- ☐ 120 to 150 psig/psi (8,3 to 10,3 bar), Black***

Type 95HT

NPS 1/4 through 3/4 (DN 20) body sizes
- ☐ 15 to 100 psig (1,0 to 6,9 bar), Unpainted***
- ☐ 80 to 300 psig (5,5 to 20,7 bar), Unpainted***

NPS 1-1/2 and 2 (DN 40 and 50) body sizes
- ☐ 15 to 100 psig (1,0 to 6,9 bar), Unpainted***
- ☐ 60 to 260 psig (4,1 to 17,9 bar), Unpainted***

- continued -

1. SWE, CL150 RF, CL300RF, and PN 16/25/40 are not available in NPS 1/4 body size.

Ordering Guide (Continued)

Type 95HP

NPS 1/4 through 1 (DN 15 through 25) body sizes

- ☐ 15 to 100 psig (1,0 to 6,9 bar), Unpainted***
- ☐ 80 to 400 psig (5,5 to 27,6 bar), Unpainted***

NPS 1-1/2 and 2 (DN 40 and 50) body sizes

- ☐ 15 to 100 psig (1,0 to 6,9 bar), Unpainted***
- ☐ 60 to 300 psig (4,1 to 20,7 bar), Unpainted***

Replacement Parts Kit (Optional)

☐ Yes, send one replacement parts kit to match this order.

Regulators Quick Order Guide	
* * *	Readily Available for Shipment
* *	Allow Additional Time for Shipment
*	Special Order, Constructed from Non-Stocked Parts. Consult your local Sales Office for Availability.
Availability of the product being ordered is determined by the component with the longest shipping time for the requested construction.	

Specification Worksheet

Application:

Specific Use _____

Line Size _____

Gas Type and Specific Gravity _____

Gas Temperature _____

Does the Application Require Overpressure Protection?

☐ Yes ☐ No If yes, which is preferred:

☐ Relief Valve ☐ Monitor Regulator ☐ Shutoff Device

Is overpressure protection equipment selection assistance desired? _____

Pressure:

Maximum Inlet Pressure (P_{1max}) _____

Minimum Inlet Pressure (P_{1min}) _____

Downstream Pressure Setting(s) (P_2) _____

Maximum Flow (Q_{max}) _____

Performance Required:

Accuracy Requirements? _____

Need for Extremely Fast Response? _____

Other Requirements: _____

_____

Industrial Regulators

Emerson Process Management
Regulator Technologies, Inc.

USA - Headquarters
McKinney, Texas 75069-1872 USA
Tel: 1-800-558-5853
Outside U.S. 1-972-548-3574

Asia-Pacific
Shanghai, China 201206
Tel: +86 21 2892 9000

Europe
Bologna, Italy 40013
Tel: +39 051 4190611

Middle East and Africa
Dubai, United Arab Emirates
Tel: +971 4811 8100

Natural Gas Technologies

Emerson Process Management
Regulator Technologies, Inc.

USA - Headquarters
McKinney, Texas 75069-1872 USA
Tel: 1-800-558-5853
Outside U.S. 1-972-548-3574

Asia-Pacific
Singapore, Singapore 128461
Tel: +65 6777 8211

Europe
Bologna, Italy 40013
Tel: +39 051 4190611
Gallardon, France 28320
Tel: +33 (0)2 37 33 47 00

TESCOM

Emerson Process Management
Tescom Corporation

USA - Headquarters
Elk River, Minnesota 55330-2445 USA
Tel: 1-763-241-3238

Europe
Selmsdorf, Germany 23923
Tel: +49 (0) 38823 31 0

For further information visit www.fisherregulators.com

The Emerson logo is a trademark and service mark of Emerson Electric Co. All other marks are the property of their prospective owners. Fisher is a mark owned by Fisher Controls, Inc., a business of Emerson Process Management.

The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. We reserve the right to modify or improve the designs or specifications of such products at any time without notice.

Emerson Process Management does not assume responsibility for the selection, use or maintenance of any product. Responsibility for proper selection, use and maintenance of any Emerson Process Management product remains solely with the purchaser.

EMERSON
Process Management

©Emerson Process Management Regulator Technologies, Inc., 1963, 2009; All Rights Reserved